STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #10 Processed

Project Critéria Color I	(ey: GREEN	= SYSTEM PF	RESERVATION PURPLE = S	AFETY IMPROVEMENTS BR	OWN = CONG	ESTION MITIGAT	ION PINK =	MODERNIZATION								QUOISE = TRAN		
		TOTAL	FEDERAL LOCAL	FFY2046 (Oct 1, 16 - Se TOTAL FEDERAL (x\$1000) (x\$1000)	LOCAL	TOTAL	FEDERAL	D 30, 17) LOCAL	FFY2018 (Oc TOTAL F (x\$1000) (t 1, 17 - Sep EDERAL	30, 18) LOCAL	TOTAL	(Oct 1, 18 - Se FEDERAL	LOOAL	TOTAL	(Oct 1, 19 - Sep FEDERAL (x\$1000)	LOCAL	FUND GATEGORY & REMARK
STATEWIDE - FHWA	PHASE	(x\$1000)	(x\$1000) (x\$1000)	(x\$1000) (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000) (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	<u> </u>
	- DE-											100	80					STP FLEXIBLE
Bikeway Improvements at Various Locations, Statewide	PE1 PE2											200	160	20 40				STP FLEXIBLE
ance	ROW	+							55	45	10	200	100	40	50	0	50	
	CON	1							2,100	180	1,920				500		100	
	ADVCON										-	0	1,500	(1,500)				
Estimated Total Project Cost - \$3,005,000 Implementation of State bike pro	ojects identified																	
Bridge Inspection and Appraisal	PLN	3,100	2,480 620			3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	3,500	2,800	700	NHPP
Pres	L			<u> </u>				_										
Estimated Total Project Cost - \$18,000,000 Inventory, inspect and apprais Construction Career Days Workforce Development Program	PLN	s. Includes unde		es, surveys and preparation of p	ians for bridge	repairs, retrofits a		nts.	30	30	0	30	30	0	30	30	0	STP FLEXIBLE
construction Career Days Workforce Development Program	PLIN	30	30 0	30 30	U	30	30	0	30	30	U	30	30	U	30	30	0	STP FLEXIBLE
Estimated Total Project Cost - \$180,000 Supplement the Construction Car	eer Days Work	kforce Developi	ment Program.															
Environmental Guideline Development	PLN	I				500	400	100										STP FLEXIBLE
Pres .	,																	
Estimated Total Project Cost - \$500,000 Develop Guide to standardize and	1 institutionalize	e environmenta	al clearance procedures.															
. Hawaii Road Usage Charge Demonstration	PLN					8,000	4,000	4,000										STSFA Grant
Pres _	PLN	 _ _ _ _				3,125	2,500	625										STP FLEXIBLE
Estimated Total Brainst Cost \$12,000,000. This is a three year air above	project that he	uilde on ovietie:	a state infrastructure that called	odomotor roadings approally as	the basis for t	eting a road ::aa	go chargo (DLI	1 upor banad rawa	uo altornativos. T	ho project in	volvos sotus as	nd implements	tion of an access	unting system to	provido protot	unical invoices	or "hillings" for	r miloago
Estimated Total Project Cost - \$12,000,000 This is a three-year, six-phase driven and other direct communications about revenue alternatives to over 1	million motoris	sts Rillings will	y state IIIII astructure that collect feature personalized informatio	ouometer readings annually as n about motorists' road use and	une pasis 101 te corresponding	suriy a road usa RLIC: das tayas r	ye unange (RUC naid and other	fees. The first domo	ue anerriatives. I nstration activities	ne project in s will launch	voives setup ar in the first half r	of 2017 with m	anual renorting	and feature con	provide protot itinuous feedba	ypicai irivoices (ack from motoris	ts over 18 mor	inneage ths
The grant proposal can be downloaded at http://hidot.hawaii.gov/administrati			Teatare personalized information	Tabout motorists Toda asc and t	corresponding i	too, gas taxes p	aid, and other	ccs. The mat demo	iistiation activities	3 WIII IGGITOTT	in the machan	7 ZOTT WIGHTIN	andai reporting	and realare con	unadas recaba	lek from motons	is over 10 mon	100.
Highway Program Peer Exchange (HDOT-CFL)	PLN	610	488 122															STP FLEXIBLE
Pres Communication Communicati																		
Estimated Total Project Cost - \$500,000 To facilitate a peer exchange pro-																		
Highway Research and Development Program	PLN	850	680 170	1,600 1,280	320	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE
Pres	Ļ																	
Estimated Total Project Cost - \$5,850,000 Supplement the Statewide Plan Highway Safety Improvement Program (HSIP), Infrastructure	ning and Resea	arch Program.				50	40	10				50	40	10				HSIP
Funding Program	PE1	+				150	120	30				150	120	30				HOIP
r unung r rogram	CON	 				150	120	30	740	666	74	130	120	30	2,000	1,800	200	
Estimated Total Project Cost - \$3,140,000 Implement infrastructure scope		ould include va	rious eligible safety improvemen	nt countermeasures.						7.7.7					_,,,,,	.,		
Highway Safety Improvement Program (HSIP), Non - Infrastructure	PLN/OPR	2,500		2,500 2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	2,500	2,430	70	HSIP
ety Funding Program																		
	L																	
Estimated Total Project Cost - \$15,000,000 Implement non-infrastructure s Highway Shoreline Protection, Statewide		including safety	education programs and PSAs						50	40	10				50	40	40	STP FLEXIBLE
Highway Shoreline Protection, Statewide	PE1 PE2								50 150	40 120	30				150		30	STP FLEXIBLE
	CON	+	+						130	120	30	2,000	0	2.000	130	120	30	
Estimated Total Project Cost - \$3,000,000 Funding to implement shoreline		piects as identifi	ied in the State's shoreline prote	ction plan.								2,000	Ů	2,000				
Pedestrian Facilities and ADA Compliance at Various Locations	PE1	1		,		135	108	27	130	104	26							STP FLEXIBLE
nance	PE2					73	58	15	70	56	14							
	CON											1,040	832	208	1,000	800	200	
Estimated Total Project Cost - \$4,600,000 Address ADA compliance needs																		
Federal Lands Highway Access Discretionary Program	PE/CON	265	265 0	265 265	0	265	265	0	265	265	0	265	265	0	265	265	0	FED LANDS HWY DISCRETION
Estimated Total Project Cost - \$30,000,000 Federal grant program. Project	to that are edic		ido accoso to fodoral landa ara	aligible to apply for those funds					-									
Safe Routes to School (SRTS) Program	s urac are adjac	T IO OF PROVI	iue access to rederal lands are t	anguale to apply for these funds.														
Non-infrastructure	PE	200	200 0	200 200	0	200	200	0	200	200	0	100	100	0				SAFE ROUTES TO SCHOOL
Infrastructure	PE/CON	1		1,300 1,300	0	1,200		0	1,300	1,300	0	650		0				
	1																	
Estimated Total Project Cost - \$6,450,000 Implement the Safe Routes to S	chool Program	n to promote we	alking and biking as a safe and v	riable transportation alternative,	especially in the	e vicinity of school	ols.											
. SNIPP - Statewide Noxious Invasive Pest Program	OPR	_							3,090	2,472	618	3,100	2,480	620	820	656	164	STP FLEXIBLE
ance	<u> </u>		 															
Estimated Total Project Cost - \$15,000,000 Operation of the Statewide No.	xious Invasive F	Pest Program.	+			408	325	83								1		STP FLEXIBLE
. Statewide Freight Study	PLN	+	1			408	325	83	-									O I F FLEXIBLE
Estimated Total Project Cost - \$400,000 This effort will develop a freight pl	lan as required	1 by FAST. The	plan will be developed in const	ultation with freight stakeholders	and will include	identification of	existina conditio	ons and needs and	development of a	freight inves	tment plan that	includes a list	of priority proje	cts.				
	CON	5.000		5.000 0	5.000	5,000	0	5.000	6,000	4.800	1.200	5.000	0	5,000	5,000	0	5,000	NHPP
	PE-CON	5,000		5,000 0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000			
. Statewide Highway Lighting and Traffic Signal Upgrade Program		I traffic signals.																
Statewide Highway Lighting and Traffic Signal Upgrade Program Ly Estimated Total Project Cost - \$60,000,000 System maintenance of highways to the state of t	ay lighting and		0 5,000	5,000 0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000		5,000	LOCAL
Statewide Highway Lighting and Traffic Signal Upgrade Program Lay Estimated Total Project Cost - \$60,000,000 System maintenance of highways to the system of the syst	CON	5,000				5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Statewide Highway Lighting and Traffic Signal Upgrade Program Estimated Total Project Cost - \$60,000,000 - System maintenance of highway Statewide Signing, Striping and Pavement Marking Program	CON PE-CON	5,000	0 5,000	5,000 0	5,000	0,000												
Statewide Highway Lighting and Traffic Signal Upgrade Program Estimated Total Project Cost - \$60,000,000 System maintenance of highw. Statewide Signing, Striping and Pavement Marking Program Class Estimated Total Project Cost - \$60,000,000 System maintenance to upkee	CON PE-CON ep traffic control	5,000 ol devices such a	0 5,000 as highway signing and striping															
. Statewide Highway Lighting and Traffic Signal Upgrade Program ety Estimated Total Project Cost - \$60,000,000 - System maintenance of highway Statewide Signing, Striping and Pavement Marking Program Pres	PE-CON Per traffic control CON	5,000 of devices such a 5,000	0 5,000 as highway signing and striping 0 5,000	5,000 0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000		5,000	LOCAL
Listatewide Highway Lighting and Traffic Signal Upgrade Program Sty Estimated Total Project Cost - \$60,000,000 - System maintenance of highway Listatewide Signing, Striping and Pavement Marking Program Statewide Signing, Striping and Pavement Marking Program Estimated Total Project Cost - \$60,000,000 - System maintenance to upkee Statewide Guardrall and Shoulder Improvement Program	PE-CON PE-CON CON PE-CON PE-CON	5,000 of devices such a 5,000 5,000	0 5,000 as highway signing and striping 0 5,000 0 0 5,000				0	5,000 5,000	5,000 5,000	0	5,000 5,000	5,000 5,000	0	5,000 5,000	5,000 5,000		5,000 5,000	LOCAL
Statewide Highway Lighting and Traffic Signal Upgrade Program Estimated Total Project Cost - \$60,000,000 - System maintenance of highw. Statewide Signing, Striping and Pavement Marking Program Statewide Signing Striping and Pavement Marking Program Estimated Total Project Cost - \$60,000,000 - System maintenance to upkee Statewide Guardrail and Shoulder Improvement Program Tess Estimated Total Project Cost - \$60,000,000 - System maintenance to upkee	PE-CON PE-CON CON PE-CON PE-CON PE-CON Proadway guar	5,000 of devices such a 5,000 5,000	0 5,000 as highway signing and striping 0 5,000 0 0 5,000	5,000 0	5,000	5,000	0			0			0	5,000				LOCAL
Statewide Highway Lighting and Traffic Signal Upgrade Program Sestimated Total Project Cost - \$60,000,000 System maintenance of highway Statewide Signing, Striping and Pavement Marking Program Sestimated Total Project Cost - \$60,000,000 System maintenance to upkee Statewide Guardrail and Shoulder Improvement Program Sestimated Total Project Cost - \$60,000,000 System maintenance to upkee Statewide Total Project Cost - \$60,000,000 System maintenance to upkee	PE-CON PE-CON CON PE-CON PE-CON	5,000 of devices such a 5,000 5,000	0 5,000 as highway signing and striping 0 5,000 0 0 5,000	5,000 0	5,000	5,000	0			0		5,000	0					

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	Project Criteria Color K	ey: GREEN	= SYSTEM PRE	ESERVATION	PURPLE = SA	AFETY IMPROV	EMENTS BR	OWN = CONGE	STION MITIGAT	ΓΙΟΝ PINK =	MODERNIZATIO	ON ORANGE =	ENHANCEME	NT BLUE = H	HUMAN SERVI	CES TRANSPO	ORTATION PRO	GRAM TURG	UOISE = TRAI	NSIT	
			FFY2015	(Oct 1, 14 - S	ep 30, 15)	FFY2016	(Oct 1, 15 - Se	p 30, 16)	FFY2017	(Oct 1, 16 - Sej	30, 17)	FFY2018	(Oct 1, 17 - Se	р 30, 18)	FFY2019	(Oct 1, 18 - 6	ep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	
	PROJECT.	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS									
S15.	Technology Transfer and Technical Assistance Program	PLN	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE
Mode	<mark>n l</mark>																				
	Estimated Total Project Cost - \$1,250,000 Conduct training and technology	transfer activ	ties for governm	ent and private	e transportation p	personnel.															
S16.	Traffic Counting Stations, Various Locations	CON										1,500	1,200	300							STP FLEXIBLE
Mode	<mark>n l</mark>																				
	Estimated Total Project Cost - \$4,500,000 Construction of traffic counting s	tations on the	islands of Hawa	aii and Maui for	traffic data gath	ering and plann	ing purposes. T	here will be a s	eparate Oahu ph	ase shown in th	e Oahu TIP										
S26.	Transportation Alternative Program	PE/CON							2,300	1,840	460	2,300	1,840	460	2,300	1,840	460	2,300	1,840	460	TAP
Enhar	<mark>ce</mark>																				
	Estimated Total Project Cost - ~\$3.3 million/year The Transportation Altern	atives Progra	m (TAP) is a con	npetitive grant	program that pro	vides funding fo	r programs and	l projects define	d as transportati	on alternatives,	ncluding on- an	d off-road pedest	rian and bicycl	e facilities, infras	structure projec	ts					
	for improving non-driver access to public transportation and enhanced mobil	ity, and comm	unity improveme	nt activities. Lo	ocations to be de	termined by the	TAP Project E	valuation and R	anking processe	s. These funds a	re totals for the	entire state. Appi	ropriate funds v	will be redirected	to the MPOs a	as projects are	identified.				
	STATEWIDE - FHWA TOTAL		37,705	6,693	31,012	36,045	5,625	30,420	53,436	17,116	36,320	49,980	19,348	30,632	49,985	14,127	35,858	44,165	11,981	32,184	

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	Project Criteria Color Ke									TON PINK = MODER									QUOISE = TRA		
PŖOJĒŒĪ.		PHASE	FFY2015 (TOTAL (x\$1000)	(Oct 1, 14 - Se FEDERAL (x\$1000)	ep 30, 15) LO€AL (x\$1000)	FFY2016 TOTAL (x\$1000)	(Oct 1, 15 - Sep 3 FEDERAL (x\$1000)	30, 16) LDCAL 1 (x\$1000) (x	FFY2017 FOTAL \$1000)	(Oct-1, 16 - Sep 30, 17 FEDERAL LOG (x\$1000) (x\$1) ;AL 100)	FFY2018 (TOTAL (x\$1000)	(Oct 1, 47 - Se FEDERAL (v\$1900)	p 30, 18) LOCAL (x\$1000)	FFY2019 TOTAL (v\$1000)	(Oct 1, 18 - 66 FEDERAL (x\$1000)	ep 30, 19) LOGAL (x\$1000)	FFY2020 TOTAL (x\$1000)	(Oct 1, 19 - Se FEDERAL (x\$1000)	230, 20) LOCAL (x\$1000)	FUND GATEGORY & REMARKS
STATEWIDE - FTA			(14,1004)	V.V.19007	, trouposy	fut food	[AG (GOL)]	V. C. Dool		the many that		(14,150)	(1000)	1(100)	(((((((((((((((((((((((((((((((((((((((, Q.Q.(poo)	(44.400)	(44.400)	(44:400)	(.4.040)	1
S17. Rural Transportation Assistance Program (RTAP)		PLN	102	102	0	105	105	0	108	108	0	111	111	0	114	114	0	117	117	0	FTA SECTION 5311 (b)(3)
Estimated Total Project Cost - \$787,000 FTA Section	on 5311(b)(2) Rural Trans	sportation Ass		(RTAP). Fund	ds from the RTA	program will b	e utilized to provid	le technical assista	ance to the	Rural Transportation pr	oviders.										1
S18. State Administration	H	PLN	258	258	0	265	265	0	273	273	0	281	281	0	289	289	0	298	298	0	FTA SECTION 5311
Estimated Total Project Cost - \$1,980,000 FTA Sec	tion 5311 Nonurbanized	Area Formula	Program.																		
S19. Transportation Assistance for Elderly and Disabled Human		EQP	275	220	55	288	230	58	296	237	59	305	244	61	314	251	63	324	259	65	FTA SECTION 5310
Estimated Total Project Cost - \$2,867,000 Enhance	L ed Mobility of Seniors and	I Individuals w	ith Disabilities (S	Section 5310 -	Non-Urban). Fur	nds from progra	m will be utilized fo	or the purchase of	vehicles.												A
S22. Statewide Planning	-	PLN							563	450	113	258	129	129	266	133	133	274	137	137	FTA SECTION 5304
Estimated Total Project Cost - \$962,000 FTA States	wide Planning (Section 53	304). Funds w	ill be utilized for	short range tra	ansit plans and c	ivil rights studie	es														
	-																				·
STATEWIDE - FTA TOTAL			635	580	55	658	600	58	1,240	1,068	172	955	765	190	983	787	196	1,013	811	202	l .

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Revision Effective Date: June 13, 2017

Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM | TOTAL | FEDERAL | LOCAL | TOTAL | FEDERAL | LOCAL | TOTAL | FEDERAL | LOCAL FUND GATEGORY & REMARKS PROJECT **FUNDING CATEGORY SUMMARY - STATEWIDE** NHPP (National Highway Performance Program) 2,480 2,800 2,800 2,800 2,800 BRIDGE OFF-SYSTEM STP ENHANCEMENT / TAP 1,840 1,840 1,840 STP FLEXIBLE 1.318 9.847 1.430 4.221 5.882 2,846 SECTION 1404 - (Safe Routes to School) 200 1 500 1 500 750 HSIP (Highway Safety Improvement Program) 2,430 2,430 2,590 3,096 2,590 4,230 CMAQ (Congestion Mitigation Air Quality) 0 0 0 0 0 ETA TRANSFER FUNDS **EQUITY BONUS** 0 0 0 0 0 EARMARK - RE-PURPOSED EARMARKS 0 STSFA GRANTS 4.000 EARMARK - SECTION 115 0 0 0 0 EARMARK - SECTION 117 FLHD (Federal Lands Highway Discretionary) 265 265 265 265 265 265 NRCS (National Resources Conservation Service) DISCRETIONARY 0 0 0 0 0 H-3 DISCRETIONARY IMD (NHPP Discretionary) 0 FERRY BOAT DISCRETIONARY / ARRA FBD SUBTOTAL 6,693 5,625 17,116 19,348 14,127 11,981 LESS DISCRETIONARY, DEMO ...ETC. PROJECTS (265) (265) (4,265) (265) (265) (265) LESS FTA TRANSFER FUNDS REGULAR FORMULA AUTHORITY TOTAL 6,428 5,360 12,851 19,083 13,862 11,716

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PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL F (x\$1000) (EDERAL LOCA x\$1000) (x\$100	FFY2017 (Oct 1, 16 L TOTAL FEDERA D (x\$1000) (x\$1000	L LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL LO	OCAL TOTA (1000) (x\$100	. FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND GATEGORY & REMARK
OAHU: STATE - FHWA		, , , , , , , , , , , , , , , , , , ,	,,,	(14 in 25)	1, 4,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(11,11,11,11,11,11,11,11,11,11,11,11,11,	(1(44,552) 1 1(45	1 1(17)	, , , , , , , , , , , , , , , , , , , ,	(44.455)	(141111)	(14.34-7)1	(-44-)	
	CON	20,584	0	20.584	33,200	0 33,	200 25 400	0 25 400	36.400	0	36,400 36.	100 0	36,400	36.400	0	26 400	LOCAL
Bridge and Pavement Improvement Program, Oahu			0	- / / - /	33,200	0 33,	200 25,400	0 25,400	36,400	0	36,400 36,	100 0	36,400	36,400	0	36,400 l	LOCAL
Kamehameha Highway (Route 83) Resurfacing,	CON	14,551	1,835	12,716					-								
Dairy Road to Laiewai Bridge, MP 9.72 to MP 17.66	ADVCON	47.700	44.000	0.400	0	10,000 (10,	000)										
Likelike Highway (Route 63) Resurfacing School St. to Emmeline Place,	CON	17,700	14,600	3,100					+								
Farrington Highway (Rte 93) Resurfacing	CON				16,000	12,800 3,	200										
Kili Street to Satellite Tracking Station																	
Mokapu Saddle Road (RTE 65) Resurfacing	CON						10,000 8,0	00 2,000								and the second	add comitted 2017 SMP projects
Nanamoana Street to Oneawa Street																	A.3
Kalihi Street (RTE 63) Resurfacing Nimitz Hwy to School Street (MP 0 - 1.15)	CON ADVCON	\vdash					9,000	0 9,000		7.200	(7.200)						
Estimated Total Project Cost - \$237,800,000System maintenance of highway		I navemente W	ork may include	hridae and/or n	overnent reconstruc	tion resurfacing rest	pration rehabilitation and/or pres	envetion	U	7,200	(7,200)						
Yearly lump sum amounts represent total Special Maintenance Program (SMP)									annually. SMP fui	nds have funded resu	rfacing and paveme	t and bridge prese	rvation projects i	(System Preserv	vation).		
The current list of prioritized proposed SMP projects has been posted on the												l l	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Farrington Highway (Route 93), Bridge Rehabilitation	ROW								597	478	119					1	NHPP
es Ulehawa Stream Bridge	CON	\vdash									8,	405 6,724	1,681				
Federal and Testal Devices Const. 640 Federal Co.	and days	and and a Time to	to de a fort	and a		and the second second			+	1							
Estimated Total Project Cost - \$10,500,000 Rehabilitate bridge to meet curre Farrington Highway (Route 93), Bridge Replacement	rent design star CON	ndards. This inc	dudes bridge stre 4.800	engthening, wid 8.700	ening, improving sh	iouiaers, and upgradir	g railings.		+							-	NHPP
res Maipalaoa Bridge	ADVCON	13,300	4,800	8,700	0	6,000 (6.	000)										
	7.BYCCIT	(Ü	0,000 (0,	5507										
Estimated Total Project Cost - \$16,560,000 Replace the existing bridge with	a concrete st	ructure that me	ets current bridge	e standards.													
Farrington Highway (Route 93), Bridge Replacement	ROW				0	0	0		1,170	936	234					1	NHPP
es Makaha Bridges #3 & #3A	CON										22,	7,600	14,400			((Defer/inflate. ROW was not able to
-	ADVCON	\vdash							-					0	10,000	(10,000)	obligated in 2016. NEPA not cleare
Estimated Total Project Cost - \$25,200,000 Replace two timber bridges in th	he vicinity of N	Askaha Reach F	ark For both bri	idaes the scon	a incudes widening	the naved shoulders	on the makei side from 3 feet to 1	O feet: and widening	na the mauka side	from 1 foot to 10 feet	This is to accomm	ndate hicyclists an	d nadastrians				A.2
Farrington Highway (Route 93) Corridor Study	PLN PLN	akana Beach i	ark. Tor boar bir	ages, the scop	c incudes widerling	ane paved shoulders		00 100	g inc maaka siac	II OIII 1 IOOL LO 10 ICCI	. This is to accomin	Suate Dicyclisis an	a pedestraris.				RE-PURPOSED EARMARKS
est		()															
Estimated Total Project Cost - \$500,000 Conduct a corridor/feasibility study	of the Nanaku	ıli, Maili, Waianı	ae, and Makaha	corridor on the	island of Oahu with	the objective of identi	lying recommendations to provide	e a second access i	into and out of the	area, reducing conge	estion, increasing ca	pacity, and improv	ng safety.				
Freeway Management System,																	NHPP
Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78),	151/0011	\vdash	5.000	(5.000)		4.000			-								
Phase 1C - Part 2	ADVCON	0	5,000	(5,000)	0	1,200 (1,	200)		+								
Phase 1C Part 3	CON				5,100	4,080 1,	020										
Phase 2A	CON					,,,,,,			10,200	0	10,200						
	ADVCON											0 8,160	(8,160)				
System Manager	OPR				2,020	1,616	404										
Phase 3	PE1						0	0 0	1,380	1,104	276					((defer/inflate. Due to delays in the
I I	PE2 CON	\vdash							-			30 584	146	10,200	4.000	0.000	enhanced project procurement
t e e e e e e e e e e e e e e e e e e e	CON								ļ					10,200	4,000	6,200	process)
_	ADVCON								1								N.Z
Estimated Total Project Cost - \$200,000,000 The program consists of install	ADVCON llation of closed	d-circuit televisio	on (CCTV) came	ras. vehicle det	ectors, cabinets, ar	nd communication equ	ipment. Minor interior modification	ons of the H-3 Contr	ol Center will be o	lone to accommodate	system improveme	nts. This program	will be implemen	ted in phases.			
Estimated Total Project Cost - \$200,000,000 The program consists of installi The Freeway Management System's System Manager will assist the State with	llation of closed												will be implemen	ted in phases.			
The Freeway Management System's System Manager will assist the State with Freeway Management System,	llation of closed									performance monitorii	ng, and strategic pla		will be implemen	ted in phases.	280	70	NHPP
The Freeway Management System's System Manager will assist the State with	llation of closed th managing an								ceptance testing,	performance monitorii	ng, and strategic pla	nning.			280	70	(delete 2017 funding. State is not
The Freeway Management System's System Manager will assist the State with Freeway Management System, Joint Traffic Management Center Operations (State)	llation of closed th managing an OPR	nd guiding the Ir	ntelligent Transpo	ortation System	(ITS) program. Th	is includes software d	evelopment, equipment procuren 0	onent assistance, acc	ceptance testing, 350	performance monitorii 280	ng, and strategic pla 70	nning. 350 280	70	350	280	70 [
The Freeway Management System's System Manager will assist the State with Freeway Management System, Joint Traffic Management Center Operations (State) Estimated Total Project Cost - \$1,400,000 These funds will be required for the	llation of closed th managing an OPR the State share	nd guiding the Ir	ntelligent Transpo	ortation System	(ITS) program. Th	is includes software d	evelopment, equipment procuren 0 ns and a JTMC Manager. The Sta	nent assistance, acc 0 0 0 ate share has been	350 calculated based	280 on methodology that	ng, and strategic pla 70 involves the estimat	nning. 350 280 ed square footage	70 that the State wil	350 I occupy.		((delete 2017 funding. State is not occupying JTMC yet) A.7
The Freeway Management System's System Manager will assist the State with Freeway Management System, State With Traffic Management Center Operations (State) Estimated Total Project Cost - \$1,400,000 - These funds will be required for the Freeway Service Patrol	llation of closed th managing an OPR	nd guiding the Ir	ntelligent Transpo	ortation System	(ITS) program. Th	is includes software d	evelopment, equipment procuren 0	nent assistance, acc 0 0 0 ate share has been	350 calculated based	280 on methodology that	ng, and strategic pla 70 involves the estimat	nning. 350 280	70	350	280	70	(delete 2017 funding. State is not occupying JTMC yet) A.7
The Freeway Management System's System Manager will assist the State with Freeway Management System, Joint Traffic Management Center Operations (State) Estimated Total Project Cost - \$1,400,000 These funds will be required for the	llation of closed th managing an OPR the State share	e of the annual o	operating expens 3,150	nes for the JTM0	C which includes no	is includes software d	evelopment, equipment procurem 0 ns and a JTMC Manager. The State 350 3,500 3,1	nent assistance, acc 0 0 ate share has been 50 350	ceptance testing, 350 350 calculated based 3,500	on methodology that	ng, and strategic pla 70 involves the estimate 350 3,	nning. 350 280 ed square footage 500 3,150	70 that the State will 350	350 Toccupy. 3,500	3,150	350	(delete 2017 funding. State is not occupying JTMC yet) A.7
The Freeway Management System's System Manager will assist the State with Freeway Management System, set Joint Traffic Management Center Operations (State) Estimated Total Project Cost - \$1,400,000 These funds will be required for the Freeway Service Patrol Estimated Total Project Cost - \$21,000,000 Operate roving service patrols. S. Guardrail and Shoulder Improvements, Various Locations	llation of closed th managing an OPR the State share OPR Services includ	e of the annual o	operating expens 3,150	nes for the JTM0	(ITS) program. Th	rmal building operation 3,150 e extinguisher use, de	evelopment, equipment procurent 0 ns and a JTMC Manager. The State 350 3,500 3,10 bloying traffic control devices, as:	nent assistance, acc 0 0 ate share has been 50 350	ceptance testing, 350 350 calculated based 3,500	on methodology that	ng, and strategic pla 70 involves the estimate 350 3,	nning. 350 280 ed square footage 500 3,150	70 that the State will 350	350 Toccupy. 3,500	3,150	350	(delete 2017 funding. State is not occupying JTMC yet) A.7 NHPP
The Freeway Management System's System Manager will assist the State with Freeway Management System, set Joint Traffic Management Center Operations (State) Estimated Total Project Cost - \$1,400,000 These funds will be required for the Freeway Service Patrol Estimated Total Project Cost - \$21,000,000 Operate roving service patrols. S. Guardrail and Shoulder Improvements, Various Locations Phase 1	llation of closed th managing an OPR the State share OPR Services includ	e of the annual o	operating expens 3,150	nes for the JTM0	C which includes no	rmal building operation 3,150 e extinguisher use, de	evelopment, equipment procurem 0 ns and a JTMC Manager. The State 350 3,500 3,1	nent assistance, acc 0 0 ate share has been 50 350	ceptance testing, 350 350 calculated based 3,500	on methodology that	ng, and strategic pla 70 involves the estimat 350 3, cidents, assisting side	nning. 350 280 ed square footage 500 3,150 k or injured motori	that the State wil 350	350 Toccupy. 3,500	3,150	350	(delete 2017 funding. State is not occupying JTMC yet) A.7 NHPP HSIP
The Freeway Management System's System Manager will assist the State with Freeway Management System, Joint Traffic Management Center Operations (State) Estimated Total Project Cost - \$1,400,000 These funds will be required for the Freeway Service Patrol Estimated Total Project Cost - \$21,000,000 Operate roving service patrols. Solurational and Shoulder Improvements, Various Locations	llation of closed th managing an OPR the State share OPR Services includ	e of the annual o	operating expens 3,150	nes for the JTM0	(ITS) program. Th	rmal building operation 3,150 e extinguisher use, de	evelopment, equipment procurent 0 ns and a JTMC Manager. The State 350 3,500 3,10 bloying traffic control devices, as:	nent assistance, acc 0 0 ate share has been 50 350	ceptance testing, 350 350 calculated based 3,500	on methodology that	ng, and strategic pla 70 involves the estimat 350 3, cidents, assisting side	nning. 350 280 ed square footage 500 3,150	70 that the State will 350	350 Toccupy. 3,500	3,150	350	(delete 2017 funding. State is not occupying JTMC yet) A.7 NHPP HSIP (defer/inflate/defederalize PE1 & I
The Freeway Management System's System Manager will assist the State with Freeway Management System, st Joint Traffic Management Center Operations (State) Estimated Total Project Cost - \$1,400,000 These funds will be required for the Freeway Service Patrol st Estimated Total Project Cost - \$21,000,000 Operate roving service patrols. St Guardrail and Shoulder Improvements, Various Locations Phase 1	llation of closed th managing an OPR the State share OPR Services include CON PE1 PE2	e of the annual o	operating expens 3,150	nes for the JTM0	(ITS) program. Th	rmal building operation 3,150 e extinguisher use, de	evelopment, equipment procurent 0 ns and a JTMC Manager. The State 350 3,500 3,10 bloying traffic control devices, as:	nent assistance, acc 0 0 ate share has been 50 350	ceptance testing, 350 350 calculated based 3,500	on methodology that	ng, and strategic pla 70 involves the estimat 350 3, cidents, assisting side	nning. 350 280 ed square footage 500 3,150 k or injured motori	that the State wil 350	350 Toccupy. 3,500	3,150	350	(delete 2017 funding. State is not occupying JTMC yet) A.7 NHPP HSIP (defer/inflate/defederalize PE1 & I defer CON - 2021. updating old soc
The Freeway Management System's System Manager will assist the State with Freeway Management System, st. Joint Traffic Management Center Operations (State) State	llation of closed the managing and OPR	e of the annual o	operating expens 3,150	nes for the JTM0	(ITS) program. Th	rmal building operation 3,150 e extinguisher use, de	evelopment, equipment procurent 0 ns and a JTMC Manager. The State 350 3,500 3,10 bloying traffic control devices, as:	nent assistance, acc 0 0 ate share has been 50 350	ceptance testing, 350 350 calculated based 3,500	on methodology that	ng, and strategic pla 70 involves the estimat 350 3, cidents, assisting side	nning. 350 280 ed square footage 500 3,150 k or injured motori	that the State wil 350	350 Toccupy. 3,500	3,150	350	(delete 2017 funding. State is not occupying JTMC yet) A.7 NHPP HSIP (defer_inflate/defederalize_PE1_8.F defer_CON - 2021. updating old scot lave Approved Flash Report . A.7
The Freeway Management System's System Manager will assist the State with Freeway Management System, st. Joint Traffic Management Center Operations (State) Estimated Total Project Cost - \$1,400,000 These funds will be required for the Freeway Service Patrol Estimated Total Project Cost - \$21,000,000 Operate roving service patrols. S. Guardrail and Shoulder Improvements, Various Locations Phase 1	Ilation of closed the managing and OPR the State share OPR Services include CON PE1 PE2 CON PE1	e of the annual o	operating expens 3,150	nes for the JTM0	(ITS) program. Th	rmal building operation 3,150 e extinguisher use, de	evelopment, equipment procurent 0 ns and a JTMC Manager. The State 350 3,500 3,10 bloying traffic control devices, as:	nent assistance, acc 0 0 ate share has been 50 350	ceptance testing, 350 350 calculated based 3,500	on methodology that	ng, and strategic pla 70 involves the estimat 350 3, cidents, assisting side	nning. 350 280 ed square footage 500 3,150 k or injured motori	that the State wil 350	350 Toccupy. 3,500	3,150	350	(delete 2017 funding. State is not occupying JTMC yet) A.7 NHPP HSIP (defer,/inflate/defederalize PE1 & F defer CON - 2021, updating old soc Have Approved Flash Report . A.7 (defer,/inflate phase 3 to match ph
The Freeway Management System's System Manager will assist the State with Freeway Management System, set Joint Traffic Management Center Operations (State) Estimated Total Project Cost - \$1,400,000 These funds will be required for the Freeway Service Patrol Estimated Total Project Cost - \$2,1,000,000 Operate roving service patrols. S. Guardrail and Shoulder Improvements, Various Locations Phase 1 Phase 2	llation of closed the managing and OPR	e of the annual o	operating expens 3,150	nes for the JTM0	(ITS) program. Th	rmal building operation 3,150 e extinguisher use, de	evelopment, equipment procurent 0 ns and a JTMC Manager. The State 350 3,500 3,10 bloying traffic control devices, as:	nent assistance, acc 0 0 ate share has been 50 350	ceptance testing, 350 350 calculated based 3,500	on methodology that	ng, and strategic pla 70 involves the estimat 350 3, cidents, assisting side	nning. 350 280 ed square footage 500 3,150 k or injured motori	that the State wil 350	350 Toccupy. 3,500	3,150	350	(delete 2017 funding. State is not occupying JTMC yet) A.7 NHPP HSIP (defer_inflate/defederalize_PE1_8.F defer_CON - 2021. updating old scot lave Approved Flash Report . A.7
The Freeway Management System's System Manager will assist the State with Freeway Management System, Joint Traffic Management Center Operations (State) Stimuted Total Project Cost - \$1,400,000 These funds will be required for the Freeway Service Patrol Stimuted Total Project Cost - \$21,000,000 Operate roving service patrols. S. Guardrail and Shoulder Improvements, Various Locations Phase 1 Phase 3	the State share OPR the State share OPR Services include CON PE1 PE2 CON PE1 PE2 CON PE1 PE2 CON PE1 PE2 CON	e of the annual c 3,500	pperating expens 3,150 abled vehicles, n	ees for the JTMM	(ITS) program. The Carbon of t	is includes software d rmal building operatio 3,150 e extinguisher use, de	avelopment, equipment procurent 0	ent assistance, acc 0 0 0 ate share has been 50 350 sisting the HPD, HF	ceptance testing, 350 350 calculated based 3,500	on methodology that	ng, and strategic pla 70 involves the estimat 350 3, cidents, assisting side	nning. 350 280 ed square footage 500 3,150 k or injured motori	that the State wil 350	350 Toccupy. 3,500	3,150	350	(delete 2017 funding. State is not occupying JTMC yet) A.7 NHPP HSIP (defer,/inflate/defederalize PE1 & F defer CON - 2021, updating old soc Have Approved Flash Report . A.7 (defer,/inflate phase 3 to match ph
The Freeway Management System's System Manager will assist the State with Freeway Management System, State with Joint Traffic Management Center Operations (State) Estimated Total Project Cost - \$1,400,000 - These funds will be required for the Freeway Service Patrol Estimated Total Project Cost - \$21,000,000 - Operate roving service patrols. S. Guardrail and Shoulder Improvements, Various Locations Phase 1 Phase 3 Estimated Total Project Cost - \$10,000,000 - Install and upgrade guardrails to	the State share OPR Services include CON PE1 PE2 CON PE1 PE2 CON PE1 PE2 CON O bridge end pc	e of the annual c 3,500	pperating expens 3,150 abled vehicles, n	ees for the JTMM	(ITS) program. The Carbon of t	is includes software d rmal building operatio 3,150 e extinguisher use, de 1,782 uators, miscellaneous	evelopment, equipment procuren 0 ns and a JTMC Manager. The Str 350 3,500 3,1 bloying traffic control devices, as: 446 0 drainage, and other appurtenant	ent assistance, acc 0 0 0 ate share has been 550 350 sisting the HPD, HF 0 0 0	eptance testing, 350 350 calculated based 3,500 D, and EMS at cr	performance monitoria 280 On methodology that 3,150 ash scenes & other in 0 0 0	ng, and strategic pla 70 70 70 70 70 70 70 70 70 70 70 70 70	nning. 350 280 ed square footage 500 3,150 k or injured motori	that the State wil 350	350 Toccupy. 3,500	3,150	350 I	(delete 2017 funding. State is not occupying JTMC yet) A.7 NHPP HSIP (defer,/inflate/defederalize PE1 & F defer CON - 2021. updating old sco Have Approved Flash Report. A.7 (defer,/inflate phase 3 to match ph development schedule.)
The Freeway Management System's System Manager will assist the State with Freeway Management System, Sall Joint Traffic Management Center Operations (State) Estimated Total Project Cost - \$1,400,000 - These funds will be required for the Freeway Service Patrol Estimated Total Project Cost - \$21,000,000 - Operate roving service patrols. S. Guardrail and Shoulder Improvements, Various Locations Phase 1 Phase 2 Phase 3 Estimated Total Project Cost - \$10,000,000 - Install and upgrade guardrails to Honolulu Rail Transit Project - Highway Improvements	the State share OPR the State share OPR Services include CON PE1 PE2 CON PE1 PE2 CON PE1 PE2 CON PE1 PE2 CON	e of the annual c 3,500	pperating expens 3,150 abled vehicles, n	ees for the JTMM	(ITS) program. The Carbon of t	is includes software d rmal building operatio 3,150 e extinguisher use, de 1,782 uators, miscellaneous	avelopment, equipment procurent 0	ent assistance, acc 0 0 0 ate share has been 550 350 sisting the HPD, HF 0 0 0	eptance testing, 350 350 calculated based 3,500 D, and EMS at cr	on methodology that 3,150 ash scenes & other in 0 0 0	ng, and strategic pla 70 involves the estimat 350 3, cidents, assisting side	nning. 350 280 ed square footage 500 3,150 k or injured motori	that the State wil 350	350 Toccupy. 3,500	3,150	350 I	(delete 2017 funding. State is not occupying JTMC yet) A.7 NHPP HSIP (defer,/inflate/defederalize PE1 & F defer CON - 2021, updating old soo Have Approved Flash Report . A.7 (defer,/inflate phase 3 to match ph
The Freeway Management System's System Manager will assist the State with Freeway Management System, State with Joint Traffic Management Center Operations (State) Estimated Total Project Cost - \$1,400,000 - These funds will be required for the Freeway Service Patrol Estimated Total Project Cost - \$21,000,000 - Operate roving service patrols. S. Guardrail and Shoulder Improvements, Various Locations Phase 1 Phase 3 Estimated Total Project Cost - \$10,000,000 - Install and upgrade guardrails to	the State share OPR Services include CON PE1 PE2 CON PE1 PE2 CON PE1 PE2 CON O bridge end pc	e of the annual c 3,500	pperating expens 3,150 abled vehicles, n	ees for the JTMM	(ITS) program. The Carbon of t	is includes software d rmal building operatio 3,150 e extinguisher use, de 1,782 uators, miscellaneous	evelopment, equipment procuren 0 ns and a JTMC Manager. The Str 350 3,500 3,1 bloying traffic control devices, as: 446 0 drainage, and other appurtenant	ent assistance, acc 0 0 0 ate share has been 550 350 sisting the HPD, HF 0 0 0	eptance testing, 350 350 calculated based 3,500 D, and EMS at cr	performance monitoria 280 On methodology that 3,150 ash scenes & other in 0 0 0	ng, and strategic pla 70 70 70 70 70 70 70 70 70 70 70 70 70	nning. 350 280 ed square footage 500 3,150 k or injured motori	that the State wil 350	350 Toccupy. 3,500	3,150	350 I	(delete 2017 funding. State is not occupying JTMC yet) A.7 NHPP HSIP (defer,/inflate/defederalize PE1 & f defer CON - 2021. updating old scot Have Approved Flash Report. A.7 (defer,/inflate phase 3 to match ph development schedule.)
The Freeway Management System's System Manager will assist the State with Freeway Management System, Sall Joint Traffic Management Center Operations (State) Estimated Total Project Cost - \$1,400,000 These funds will be required for it Freeway Service Patrol Sill Estimated Total Project Cost - \$21,000,000 Operate roving service patrols. Service Patrol Sill Estimated Total Project Cost - \$21,000,000 Operate roving service patrols. Service Patrols Sill Phase 2 Phase 2 Phase 3 Estimated Total Project Cost - \$10,000,000 Install and upgrade guardrails to Honolulu Rail Transit Project - Highway Improvements	Ilation of closed in managing an OPR the State share OPR Services includ CON PE1 PE2 CON PE1 PE2 CON Obridge end pc CON Obridge end pc CON	e of the annual and towing of disconnections.	pperating expensions 3,150 abled vehicles, n	nes for the JTMM 350 semoving debris	(ITS) program. The Carbon Community of the Carbon Comm	is includes software d wmal building operatio 3,150 e extinguisher use, de 1,782 uators, miscellaneous 3,000	avelopment, equipment procuren 0 Ins and a JTMC Manager. The Sta 350 3,500 3,1 sloving traffic control devices, as: 446 0 drainage, and other appurtenant 750 18,750 15,00	nent assistance, acc 0 0 0 0 ate share has been 50 350 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	eptance testing, 350 calculated based 3,500 D. and EMS at cr 0 0 18,750	on methodology that 3,150 ssh scenes & other in 0 0 15,000	ng, and strategic pla 70 70 70 70 70 70 70 70 70 70 70 70 70	nning. 350 280 280 280 280 3,150 6 or injured moton 177 0 0 0 0	that the State with 350 350 350 177	350 l occupy. 3,500 st aid, & notifying 94 170	3,150 g 911 of incidents 0 136	350 l	(delete 2017 funding. State is not occupying JTMC yet) A.7 NHPP HSIP (defer,/inflate/defederalize PE1 & defer CON - 2021. updating old sochave Approved Flash Report. A.7 (defer,/inflate phase 3 to match ph development schedule.)
The Freeway Management System's System Manager will assist the State with Freeway Management System, State with Freeway Management System, State With International System State Will be required for the State Total Project Cost - \$1,400,000 - These funds will be required for the Freeway Service Patrol State Will be re	Ilation of closed in managing an OPR the State share OPR Services includ CON PE1 PE2 CON PE1 PE2 CON Obridge end pc CON Obridge end pc CON	e of the annual and towing of disconnections.	pperating expens 3,150 abled vehicles, r. , bridge railing, q.	nes for the JTMM 350 semoving debris	(ITS) program. The Carbon Community of the Carbon Comm	is includes software d wmal building operatio 3,150 e extinguisher use, de 1,782 uators, miscellaneous 3,000	avelopment, equipment procuren 0	nent assistance, acc 0 0 0 0 ate share has been 50 350 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	eptance testing, 350 calculated based 3,500 D, and EMS at cr 0 0 18,750	on methodology that 3,150 ash scenes & other in 0 0 15,000 15,000 and Kamehemehi	ng, and strategic pla 70 70 10 10 10 10 10 10 10 10 10 10 10 10 10	nning. 350 280 280 280 280 3,150 6 or injured moton 177 0 0 0 0	that the State with 350 350 350 177	350 l occupy. 3,500 st aid, & notifying 94 170	3,150 g 911 of incidents 0 136 onstruction corridor	350 l	(delete 2017 funding. State is not occupying JTMC yet) A.7 NHPP HSIP (defer,/inflate/defederalize PE1 & F defer CON - 2021. updating old soc Have Approved Flash Report. A.7 (defer,/inflate phase 3 to match ph development schedule.)

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

	/: GREEN+	= SYSTEM PR	ESERVATION PURPLE = SA	FETY IMPROV	EMENTS BRO	OWN = CONGE	STION MITIGATION PINK =	MODERNIZATIO	ON ORANGE = ENHANCEMI	ENT BLUE = H	IUMAN SERVIC	ES TRANSPORT	ATION PROGI	RAM TURQ	UOISE = TRANSIT	
PŘOJECT	PHASE	TOTAL	FEDERAL LOCAL	TOTAL	FEDERAL	LOCAL	FFY2017 (Oct 1, 16 - Se TOTAL FEDERAL (x\$1000) (x\$1000)	LOCAL	TOTAL FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL		FUND GATEGORY & REMARKS
DS12. Interstate Routes H-1, H-2, and H-201 Destination Sign		() I	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(, (,	(, 1)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	((1()	()	(((141101)	(4-4-4)	NHPP
ysPres Upgrade/Replacement,																(project did not meet 180 NTP from
Phase II	CON ADVCON			0	0	0	7,140 2,712	4,428	0 3,000	(3.000)						obligation. Project to be reobligated in 2017.)
Phase III	DES			554	499	55	0 0	U	0 3,000	(3,000)						1112017.)
1 1000 111	CON			001	100	00					6,000	5,400	600			A.2
Estimated Total Project Cost - \$17,000,000 Replace and/or upgrade the existi			n support structures on Intersta	ate Routes H-1,	H-2 and H-201.											
S13. Interstate Route H-1, Bridge Rehabilitation,	ROW CON	25	0 25	6.300	5.040	1,260										NHPP
vsPres Kapalama Canal (Halona Street Bridge)	CON			6,300	5,040	1,260										-
_	$\overline{}$															
Estimated Total Project Cost - 7,000,000 Rehabilitate existing bridge.																
S58. Interstate Route H-1, Corridor Study, Short Term Improvements	PE1						0 0	0	2,040 0	2,040						NHPP
ongest	ADVCON								0 0	0	0	1,632	(1,632)			(defer/inflate.
Estimated Total Project Cost - \$15,000,000 Develop top Short Term Capacity/	//Congostion	improvomente	identified in the Final H 1 Corrie	lor Improvomon	t Study											Focusing on sys preservation and op
S56. Interstate Route H-1, Eastbound, Vineyard Boulevard On Ramp,	CON	improvements :	acrianca in uie i mai i i-1 COMO	o, improvemen	Giddy		4.162 2.300	1.862								imprvmts to address congestion.) A,7 Interstate Maintenance Discretionary
ongest Lusitana Street Connection	0014						7,102 2,300	1,002								
ysPres																
Estimated Total Project Cost - \$5,000,000 Scope includes, but is not limited to	ว: Installation	n of a traffic sig	nal and curb ramps at the inters	section of Lusita	na Street and La	auhala Street; ir	nstallation of a right turn only lai	ne from Lusitana	Street onto the Vineyard Boule	vard On-Ramp to	the H-1 Freew	ay in the eastbour	nd direction;			
relocation of existing highway lighting, drainage, water, electric, fiber optic, telep		tv, and gas sy	stems; installation of a glare sci				Ramp; and installation of paven	nent markings and	d signing.							
S59. Interstate Route H-1, Eastbound Improvements,	DES			900	0	900										LOCAL
lodern Waiawa Interchange to Halawa Interchange																-
Estimated Total Project Cost - \$90,000,000 Capacity/Congestion improvemen	nts through th	ne most well tra	velled section of the primary url	ban corridor. Im	provements coul	d include addin	g an additional through lane an	d/or improving rai	mps, shoulders and geometrics	3.						
S14. Interstate Route H-1, Guardrail and Shoulder Improvements,	CON			·			11,000 0									NHPP
afety Kapiolani Interchange to Ainakoa Avenue	ADVCON								0 3,000	(3,000)	0	5,800	(5,800)			
L																
Estimated Total Project Cost - \$12,000,000 Install and/or upgrade existing gue \$15. Interstate Route H-1, Guardrail and Shoulder Improvements,		h cushions, an	d concrete barriers to meet curr				improvements near the beginn	ing of the H-1 on	ramp in the vicinity of Ainakoa	Avenue to fill a g	ap in the bike s	ystem.				NHPP
	CON ADVCON			5,360	288	5,072	0 4.000	(4.000)								NHPP
Middle Street (Route 7415) to Pulicibowi Street (Route 7516)	CON			1.340	1.072	268	0 4,000	(4,000)								-
Estimated Total Project Cost - \$7,500,000 Install and/or upgrade existing guar		cushions, and	concrete barriers to meet curre		1,072	200										1
S16. Interstate Route H-1, Highway Lighting Improvements,	CON								7,446 0	7,446						NHPP
ysPres Kaimakani OP to Middle Street, Phase 1 - MP 12.83 to 16.00	ADVCON										0	5,957	(5,957)			
L																
Estimated Total Project Cost - \$15,000,000 Upgrade/replace existing freeway S17. Interstate Route H-1, Kapolei Interchange Complex	/ lighting. Pha CON	ase 1 will cover 4.800	improvements from Kaimakani 4.300 500	Overpass to Ap	prox. the Airport	IC (MP 16.00).	A future Phase 2 will cover imp	provements for the	e remainder of the limits from a	pprox. the Airpor	t IC (MP 16.00)	to Middle Street.				INTERSTATE DISCRETIONARY
odem Phase 2	CON	65.500	41.200 24.300													NHPP
	ADVCON	03,300	41,200 24,300	0	3,000	(3,000)	0 15,000	(15,000)								INITE
Phase 3	DES			571	0	571		(10,000)								NHPP
																NHPP
l de la companya de	ROW								238 190	48						INDEF
_																INFF
Estimated Total Project Cost - \$139,000,000 Phase 2 will complete the constr	ruction of the	Wakea Street	Separation and its associated n	amps. Phase 3	and 4 will comple	ete the ultimate	buildout of the Kapolei IC Com	plex including the			es.			05.000	0.000	
S18. Interstate Route H-1, Pearl City and Waimalu Viaduct	ruction of the	Wakea Street	Separation and its associated n	amps. Phase 3	and 4 will comple	ete the ultimate	buildout of the Kapolei IC Com	plex including the			es.			25,200	8,000 17,200	
S18. Interstate Route H-1, Pearl City and Waimalu Viaduct	ruction of the	Wakea Street	Separation and its associated n	amps. Phase 3	and 4 will comple	ete the ultimate	buildout of the Kapolei IC Com	plex including the			es.			25,200	8,000 17,200	
S18. Interstate Route H-1, Pearl City and Waimalu Viaduct ysPres Improvements, Phase 2	ruction of the CON ADVCON				,						es.			25,200	8,000 17,200	
IS18. Interstate Route H-1, Pearl City and Waimalu Viaduct ysPres Improvements, Phase 2 Estimated Total Project Cost - \$100,000,000 Replace, repair, and/or strengthe Interstate Route H-1, Reconstruction and Repair, Eastbound	ruction of the CON ADVCON en the Pearl (PE2/CON				,						es.			25,200	8,000 17,200	
IS18. Interstate Route H-1, Pearl City and Waimalu Viaduct ysPres Improvements, Phase 2 Estimated Total Project Cost - \$100,000,000 Replace, repair, and/or strengthe Interstate Route H-1, Reconstruction and Repair, Eastbound	ruction of the CON ADVCON en the Pearl (,		s. Project will be implemented				es.	34,000	(34,000)	25,200	8,000 17,200	NHPP (redistribute AdvCon conversions
S18. Interstate Route H-1, Pearl City and Waimalu Viaduct	ruction of the CON ADVCON en the Pearl C PE2/CON ADVCON	City and Waims	alu Viaduct concrete deck and c	other structural o	,		s. Project will be implemented		e completion of Palailai and Ma	kakilo Interchang	es.	34,000	(34,000)	25,200	8,000 17,200	NHPP NHPP
S18. Interstate Route H-1, Pearl City and Waimalu Viaduct	ruction of the CON ADVCON en the Pearl C PE2/CON ADVCON ADVCON and Concrete	City and Waims	alu Viaduct concrete deck and c	other structural o	,		s. Project will be implemented 80,000 7,500	in 5 phases. 72,500	e completion of Palailai and Ma	kakilo Interchang	es. 0	34,000	(34,000)	25,200	8,000 17,200	NHPP (redistribute AdvCon conversions to help with fiscal constraint) A.9
S18. Interstate Route H-1, Pearl City and Waimalu Viaduct S2 res Improvements, Phase 2 Estimated Total Project Cost - \$100,000,000 Replace, repair, and/or strengthe Interstate Route H-1, Reconstruction and Repair, Eastbound Waimalu Interchange to Hallawa Estimated Total Project Cost - \$80,000,000 Rehabilitate or Reconstruct Portla Interstate Route H-1 Safety Improvement,	ruction of the CON ADVCON en the Pearl 0 PE2/CON ADVCON and Concrete CON	City and Waims	alu Viaduct concrete deck and c	other structural o	,		s. Project will be implemented	in 5 phases. 72,500	e completion of Palailai and Ma 0 14,500	kakilo Interchang	es.	34,000	(34,000)	25,200	8,000 17,200	NHPP (redistribute AdvCon conversions
S18. Interstate Route H-1, Pearl City and Waimalu Viaduct S2 res Improvements, Phase 2 Estimated Total Project Cost - \$100,000,000 Replace, repair, and/or strengthe Interstate Route H-1, Reconstruction and Repair, Eastbound Waimalu Interchange to Hallawa Estimated Total Project Cost - \$80,000,000 Rehabilitate or Reconstruct Portla Interstate Route H-1 Safety Improvement,	ruction of the CON ADVCON en the Pearl C PE2/CON ADVCON ADVCON and Concrete	City and Waims	alu Viaduct concrete deck and c	other structural o	,		s. Project will be implemented 80,000 7,500	in 5 phases. 72,500	e completion of Palailai and Ma	kakilo Interchang	es. 0	34.000	(34,000)	25,200	8,000 17,200	NHPP (redistribute AdvCon conversions to help with fiscal constraint) A.9
S18. Interstate Route H-1, Pearl City and Waimalu Viaduct S2res Improvements, Phase 2 Estimated Total Project Cost - \$100,000,000 - Replace, repair, and/or strengthe Interstate Route H-1, Reconstruction and Repair, Eastbound Waimalu Interchange to Halawa Estimated Total Project Cost - \$80,000,000 - Rehabilitate or Reconstruct Portla Interstate Route H-1 Safety Improvement,	ruction of the CON ADVCON en the Pearl 0 PE2/CON ADVCON and Concrete CON ADVCON	City and Waims	den to improve shoulders and tr	ther structural of	components, incl	uding guardrail	80,000 7,500 4,080 1,000	in 5 phases. 72,500	e completion of Palailai and Ma 0 14,500	kakilo Interchang	es. 0	34.000	(34,000)	25,200	8,000 17,200	NHPP (redistribute AdvCon conversions to help with fiscal constraint) A.9
S18. Interstate Route H-1, Pearl City and Waimalu Viaduct S2 res Improvements, Phase 2 Estimated Total Project Cost - \$100,000,000 Replace, repair, and/or strengthe Interstate Route H-1, Reconstruction and Repair, Eastbound Waimalu Interchange to Hallawa Estimated Total Project Cost - \$80,000,000 Rehabilitate or Reconstruct Portla Interstate Route H-1 Safety Improvement, Beginning of H-1 (Palailai IC) to Waiawa Overpass Estimated Total Project Cost - \$4,500,000 Scope includes, but is not limited to	ruction of the CON ADVCON en the Pearl (PE2/CON ADVCON and Concrete CON ADVCON to: Installation DES	City and Waims	den to improve shoulders and tr	ther structural of	components, incl	uding guardrail	80,000 7,500 4,080 1,000	in 5 phases. 72,500	e completion of Palailai and Ma 0 14,500	kakilo Interchang	0	34,000	(34,000)	25,200	8,000 17,200	NHPP (redistribute AdvCon conversions to help with fiscal constraint) A.9
S18. Interstate Route H-1, Pearl City and Waimalu Viaduct	ruction of the CON ADVCON en the Pearl C PE2/CON ADVCON and Concrete CON ADVCON to: Installation	City and Waims	den to improve shoulders and tr	avelway.	omponents, incl	uding guardrail	80,000 7,500 4,080 1,000	in 5 phases. 72,500	e completion of Palailai and Ma 0 14,500	kakilo Interchang	es. 0	34,000	(34,000)	25,200	8,000 17,200	NHPP (redistribute AdvCon conversions to help with fiscal constraint) A.9 HSIP
S18. Interstate Route H-1, Pearl City and Waimalu Viaduct S2res Improvements, Phase 2 Estimated Total Project Cost - \$100,000,000 Replace, repair, and/or strengthe Interstate Route H-1, Reconstruction and Repair, Eastbound Waimalu Interchange to Halawa Estimated Total Project Cost - \$0,000,000 Rehabilitate or Reconstruct Portla Interstate Route H-1 Safety Improvement, S20. Interstate Route H-1 (Palailai IC) to Waiawa Overpass Estimated Total Project Cost - \$4,500,000 Scope includes, but is not limited to the state Route H-3, Seismic Retrofit, Klou Bridge and Interstate Route H-3, Seismic Retrofit, Klou Bridge and	ruction of the CON ADVCON en the Pearl C PE2/CON ADVCON and Concrete CON ADVCON to: Installation DES CON	City and Waims pavement. Wie	alu Viaduct concrete deck and c	avelway.	omponents, incl	uding guardrail	80,000 7,500 4,080 1,000	in 5 phases. 72,500	e completion of Palailai and Ma 0 14,500	kakilo Interchang	0	0.,000	(61,000)	25,200	8,000 17,200	NHPP (redistribute AdvCon conversions to help with fiscal constraint) A.9 HSIP
S18. Interstate Route H-1, Pearl City and Waimalu Viaduct	ruction of the CON ADVCON PE2/CON ADVCON ADVCON ADVCON ADVCON DES CON DES CON DES CON ADVCON ADVCON DES CON ADVCON ADVCON DES CON ADVCON ADVCON ADVCON DES CON ADVCON ADVCON ADVCON DES CON ADVCON ADV	City and Waims pavement. Wie	alu Viaduct concrete deck and c	avelway.	omponents, incl	uding guardrail	80,000 7,500 4,080 1,000	in 5 phases. 72,500	o completion of Palaliai and Ma 0 14,500 0 2,264	(14,500)	0	0.,000	(61,000)	25,200	8,000 17,200	NHPP NHPP (redistribute AdvCon conversions to help with fiscal constraint) A.9 HSIP NHPP
S18. Interstate Route H-1, Pearl City and Waimalu Viaduct ys2rcs. Improvements, Phase 2 Estimated Total Project Cost - \$100,000,000 - Replace, repair, and/or strengthe S67. Interstate Route H-1, Reconstruction and Repair, Eastbound ys2rcs. Waimalu Interchange to Halawa Estimated Total Project Cost - \$80,000,000 - Rehabilitate or Reconstruct Portla S20. Interstate Route H-1 Safety Improvement, afety Beginning of H-1 (Palallai IC) to Waiawa Overpass Estimated Total Project Cost - \$4,500,000 - Scope includes, but is not limited to s22. Interstate Route H-3, Seismic Retrofit, Kuou Bridge and ys2rcs. Halekou Interchange, Structures 1, 2 and 3 Estimated Total Project Cost - \$7,320,000 - Retrofit interchange structures to m S60. Kahekili Highway (Route 83) Improvements,	ruction of the CON ADVCON PE2/CON ADVCON ADVCON ADVCON ADVCON ADVCON DES CON ADVCON DES PE2 PE2	City and Waims pavement. Wie	alu Viaduct concrete deck and c	avelway.	omponents, incl	uding guardrail	80,000 7,500 4,080 1,000	in 5 phases. 72,500	e completion of Palailai and Ma 0 14,500	kakilo Interchang	6,240	4,992	1,248	25,200	8,000 17,200	NHPP (redistribute AdvCon conversions to help with fiscal constraint) A.9 HSIP
Interstate Route H-1, Pearl City and Waimalu Viaduct Improvements, Phase 2 Estimated Total Project Cost - \$100,000,000 Replace, repair, and/or strengthe Estimated Total Project Cost - \$80,000,000 Rehabilitate or Reconstruct Portla Interstate Route H-1 Reconstruction and Repair, Eastbound Estimated Total Project Cost - \$80,000,000 Rehabilitate or Reconstruct Portla Interstate Route H-1 Safety Improvement, alety Beginning of H-1 (Palailai IC) to Waiawa Overpass Estimated Total Project Cost - \$4,500,000 Scope includes, but is not limited to Interstate Route H-3, Seismic Retrofit, Kuou Bridge and Halekou Interchange, Structures 1, 2 and 3 Estimated Total Project Cost - \$7,320,000 Retrofit interchange structures to m Estimated Total Project Cost - \$7,320,000 Retrofit interchange structures to m Estimated Total Project Cost - \$7,320,000 Retrofit interchange structures to m	ruction of the CON ADVCON PE2/CON ADVCON ADVCON ADVCON ADVCON DES CON DES CON DES CON ADVCON ADVCON DES CON ADVCON ADVCON DES CON ADVCON ADVCON ADVCON DES CON ADVCON ADVCON ADVCON DES CON ADVCON ADV	City and Waims pavement. Wie	alu Viaduct concrete deck and c	avelway.	omponents, incl	uding guardrail	80,000 7,500 4,080 1,000	in 5 phases. 72,500	o completion of Palaliai and Ma 0 14,500 0 2,264	(14,500)	0	0.,000	(61,000)	25,200	8,000 17,200	NHPP NHPP (redistribute AdvCon conversions to help with fiscal constraint) A.9 HSIP NHPP

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Project Criteria Color Ke										modernization p 30, 17)					(Oct 1, 18 - Se			Oct 1, 19 - Sor		12-1-1-1-1-1-1-1-1-1-1-
PROJECT	PHASE	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL (x\$1000)	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL (x\$1000)	LOCAL	TOTAL	FEDERAL	LOCAL	FUND GATEGORY & REMARKS
24. Kalanianaole Highway (Route 72), Bridge Replacement	CON	1												10,200	2.160	8.040				NHPP
	ADVCON														, , , ,	-,,-	0	6,000	(6,000)	
Estimated Total Project Cost - \$11,500,000 Replace the existing bridge.																				
25. Kalanianaole Highway (Route 72) Improvements,	CON	13,500	10,800	2,700																NHPP
ety Olomana Golf Course to Vic. of Makai Pier				, , , ,																
Phase I, Olomana Golf Course to Poalima Street																				
Estimated Total Project Cost - \$50,000,000 Construct traffic operational and	safety impro	vements on Ka	lanianaole Highw	ay, from Olom	ana Golf Course t	o Poalima Stre	et. Project incl	ides turning lane	s, bus pullouts	, and lighting impro	vements.									AU IDD
26. Kalanianaole Highway (Route 72) Improvements, 27 Olomana Golf Course to Vic. of Makai Pier																				NHPP
Olomana Gon Course to Vic. of Makai Pier																				
Phase 2 - Poalima Street (MP 3.2) to Aloiloi Street	DES				2,244	1,795	449													
That 2 Tourna of out (MT 0.2) to Allond of out	CON				2,211	1,700	1.0										13,300	10,640	2,660	
_	CON																2,750	2,200		STP ENHANCEMENT
	CON																250	200		EARMARK - HIGH PRIORITY
Phase 3 - Aloiloi Street to Vic. of Makai Pier (MP 6.9)	DES				1,632	1,306	326													
Estimated Total Project Cost - \$50,000,000 Construct traffic operational and					na Street to vic. o	f Makai Pier. P	roject includes	turning lanes, bu	s pullouts, bicy	cle facility improve	ments, lighting in	nprovements	and road way re	surfacing.						
3 Kamehameha Highway (Route 83), Bridge Replacement	DES	1,300		260	\vdash															NHPP
Pres Hoolapa (Nanahu) Stream Bridge	ROW	165	132	33	 			0.500	0.000	500										
-	CON	-	1		 			2,500	2,000	500										DE DUDDOCED EADMARKS
Estimated Total Project Cost - \$6,365,000 Replace the existing bridge	CON	 	1		 			2,000	1,600	400										RE-PURPOSED EARMARKS
27. Kamehameha Highway (Route 83), Bridge Rehabilitation	ROW													297	238	59				NHPP
Pres Makaua Stream Bridge	CON													251	230	35	6,367	1,094	5,273	NIFF
	ADVCON																0,007	1,034	0,210	
Estimated Total Project Cost - \$7,400,000 Rehabilitate the existing 44-foot lo.	ng bridge by	widening and	strengthening to	meet current S	tate standards.															
28. Kamehameha Highway (Route 83), Bridge Replacement	CON	Ĭ												17,600	4,080	13,520				NHPP
Pres Kaipapau Stream Bridge	ADVCON																0	10,000	(10,000)	
Estimated Total Project Cost - \$21,600,000 Replace the existing bridge.																				
29. Kamehameha Highway (Route 83), Bridge Replacement	ROW										663	530	133							NHPP
Pres Kaluanui Stream Bridge	CON													9,200	2,360	6,840				
-	ADVCON																0	5,000	(5,000)	
Estimated Total Project Cost - \$11,000,000 Replace the existing bridge.																				
 Kamehameha Highway (Route 83), Bridge Replacement 	ROW	75	0	75																NHPP
Pres Kawela Stream Bridge	DES	1,100	880	220																
	CON							6,300	5,040	1,260										
Estimated Total Project Cost - \$7,500,000 Replace the existing bridge.	DE?			0.00	\vdash															NHPP
54 Kamehameha Highway (Route 99), Bridge Rehabilitation Pres Kipapa (Roosevelt) Stream Bridge	ROW	1,800	1,440	360	 															NHPP
ripapa (Ruuseveii) Sileaili biluge	CON	25	U	25	11,675	9,340	2,335													
L Estimated Total Project Cost - \$13,500,000 Rehabilitate and bring the existin		to meet current	State standards		11,075	5,540	2,335													
31. Kamehameha Highway (Route 83), Bridge Replacement	ROW		June Startadius.		0	0	0				208	166	42							NHPP
					1	·	Ŭ					.50								Defer/inflate, Sect106 MOA will ta
Pres Laieloa Stream Bridge	CON	<u></u>						0	0	0				9,740	792	8,948				mo to complete. Needed for NEP
	ADVCON							·			0	0	0	0	0	0	0	7,000	(7,000)	Can't acquire ROW w/o NEPA)
Estimated Total Project Cost - \$1 1,0 00,000 Replace the existing concrete sl		Kamehameha	Highway in the	ricinity of Laie.				-					-							A.7
32. Kamehameha Highway (Route 83), Bridge Replacement	ROW							0	0	0	1,040	832	208							NHPP
																				(defer/inflate. NEPA not cleared y
Pres South Kahana Stream Bridge	CON	-	1								0	0	0	27,050	11,640	15,410				MOA expected in Nov 2017.
	ADVCON													0	0	0	0	10,000	(10,000)	Can't acquire ROW w/o NEPA)
Estimated Total Project Cost - \$ 30,300,000 Replace the existing bridge. 33. Kamehameha Highway (Route 99), Bridge Replacement	PREROW										110	00	22							A.7 NHPP
55. Namenamena riignway (Koute 99), Bridge Kepiacement	ROW		1		 						1.148	88								
David Harris Davids Charles Drides	ROW										1,148	918	230							EARMARK-HIGH PRIORITY
Pres Upper Poamoho Stream Bridge		1																		
	rainfarand h	ridan on Kamal																		
Estimated Total Project Cost - \$22,100,000 Replace the existing multi-girder		ridge on Kamel	nameha Highway	in the vicinity	or vvaniawa.						572	450	114							NHPP
Estimated Total Project Cost - \$22,100,000 Replace the existing multi-girder 34. Kamehameha Highway (Route 83), Bridge Replacement	ROW	ridge on Kamel	nameha Highway	in the vicinity	or vvaniawa.						573	459	114	11.042	4.554	7 200				NHPP
34. Kamehameha Highway (Route 83), Bridge Replacement Pres Waiahole Bridge		ridge on Kamel	nameha Highway	in the vicinity	or waniawa.						573	459	114	11,942	4,554	7,388	0	5,000	(5,000)	NHPP

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Trigger Griteria Gold N		= SYSTEM PRESERVATION FFY2015 (Oct 1, 14 -										FEY2010	0 (Oct 1 18 - Sc	n 30 10)	EEV2020	QUOISE = TRAI (Oct 1, 19 - Se		· . · . · . · . · . · . · . · . · . ·
PROJECT	PHASE	TOTAL FEDERAL (x\$1000) (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL TO (x\$1000) (x\$	TAL FEDE 1000) (x\$10	(AL LOCAL (00) (x\$1000	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOOAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND GATEGORY & REMARK
35. Kamehameha Highway (Route 83), Bridge Replacement	ROW											281		56				NHPP
s <mark>Pres Waikane Stream Bridge</mark>	CON														9,103	2,282	6,821	
Estimated Total Project Cost - \$10,200,000 Replace the existing 44-foot long		ening and strengthening to	meet current Star	te standards.														
36. Kamehameha Highway (Route 83), Bridge Replacement	ROW						0	0	0 1,02	816	204							NHPP
Pres Waipilopilo Stream Bridge	CON ADVCON				-					0 0	0	9,445	556	8,889		7 000	(7,000)	(Defer/inflate, NEPA clearance incluiding Sec 107, Sec 7, Sec 4(
Estimated Total Project Cost - \$11,300,000 Replace the existing concrete T		nehameha Highway in the v	cinity of Hauula.									U	0	· ·		7,000	(7,000)	Needed, Anticipated FFY 18), A.7
Kamehameha Highway (Route 83) Realignment,	PE2						0	0	0 2,90	0 0	2,900							NHPP
ty Vicinity of Kawailoa Beach	ADVCON									0 0	0	0	2,320	(2,320)				(Defer/inflate. NEPA clearance
	ROW ADVCON			-			0	0	0	0	0				1,060	848	212	anticipated in FFY 2018)
Estimated Total Project Cost - \$39,000,000 Realign a portion of Kamehame		the North Shore. The proi	ect proposes to co	onstruct a realig	nment of Kameha	ameha Highway, from i	laleiwa to the vici	nity of Waimea Ba	v to address safety	issues that revol	lve around use o	f the beach.						A.7
7. Kamehameha Highway (Route 83), Rockfall Protection	ROW						490		98									NHPP
at Waimea Bay, MP 5.4 to MP 5.52																		
Phase 1: Haleiwa	CON			-					10,080	0	10,080		0.004	(0.004)				
Phase 2: Sunset Beach	ADVCON CON			+								0	8,064	(8,064)	8,000	6,400	1,600	-
Estimated Total Project Cost - \$19,800,000 Initiate rockfall mitigation measurements		ehameha Highway at Wain	ea Bav (milepost	5.4 to milepost	5.52).										0,000	0,400	1,000	-
5. Kamehameha Highway (Route 83) Safety Improvements	CON	,, a	,	1,632		326												HSIP
Kahana Valley Road to Kaaawa Bridge	\vdash		1															
Followed and Total Decises Cook \$1,950,000 Installation of a "" - d a cook of	L	and aboutdors, about	nolovation alore	ntire seement :	auamant ma-t-i	an atrining and all-		_										-
Estimated Total Project Cost - \$1,850,000 Installation of milled rumble strip. Kamehameha Highway (Route 83), Safety Improvements	CON CON	and snoulders, check super	elevation along e	ntire segment, p	pavement marking	gs, striping and signing		0	0 1,70	0 1,360	340							HSIP
ty Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road	0011								0 1,70	1,000	340							(Defer/inflate, NEPA clearance
,, ,, , , , , , , , , , , , ,																		anticiapted 8/2017. New RTA 7/
Estimated Total Project Cost - \$3,000,000 Installation of milled rumble strip		and shoulders, check super	elevation along e				i.											A.2
5 Kamehameha Highway (RTE 83) Shoreline Mitigation	PE1 PE2/CON			100	80	20						10.400		10 400				NHPP
Pres Vicinity of Kualoa, Kaaawa, Punaluu and Hauula	ADVCON						U	0	0	0	0	10,400	0	10,400		5,000	(5,000)	2 more years to clear NEPA
Estimated Total Project Cost - \$1 1,100,000 Repair identified locations alon		ighway that have a very hig	h probability of fu	rther erosion in	the immediate fut	ure.				0	· ·	Ŭ	Ĭ	i		3,000	(0,000)	7
 Kamehameha Highway (Route 83), Shoreline Protection, 	CON											10,820	8,640	2,180				NHPP
ety Vicinity of Kaaawa (#10)	\vdash											-						
Estimated Total Project Cost - \$12,400,000 Construct shoreline protection r	moneuros for are	nas in Kasawa (#10) sussa	ntible to eccan or	osion duo to hia	th wave action							-						
40. Kamehameha Highway (Route 83) Shoreline Protection,	CON	as III Nadawa (#10) susce	blible to ocean en	usion due to nig	iii wave action.							1			7,650	6,120	1,530	NHPP
ety Vicinity of Punaluu (#9)															,			
Estimated Total Project Cost - \$8,900,000 Construct shoreline protection m 11. Kamehameha Highway (Route 83) Wetland Enhancement,	neasures for areas	as in Punaluu (#9) susceptil	ble to ocean eros.	ion due to high i	wave action.				6,500) 0	6.500							NHPP
lance Vicinity of Ukoa Pond	ADVCON								6,500	0	6,500	0	5,200	(5,200)				NHPP
Violiny of Oriou Foria	7.5700.1											Ť	0,200	(0,200)				
Estimated Total Project Cost - \$7,700,000 Enhance wetlands near Ukoa Po		on for previous impacts and	d wetland banking	for future use.	This is a wetland	mitigation project on t	he North Shore th	at is related to the										
2. Kualakai Parkway (Route 8930) Extension	CON								18,100	0	18,100							STP FLEXIBLE
ern ern er	ADVCON											0	8,000	(8,000)	0	6,480	(6,480)	
Estimated Total Project Cost - \$20,000,000 Extend Kualakai Parkway appro	oximately 0.3 mil	iles from Kapolei Parkwav t	o Roosevelt Aven	ue.	1													
3. Leeward Bikeway		.,																STP ENHANCEMENT
nce Phase I - Waipio Point Access Road to Hawaiian Railway Society	CON						0	0	0 9,36	0 0	9,360							(defer/inflate. APE expanded. 1
Dhara II. Hawaiina Dailean Canlata Taria Otation to	ADVCON		+		1		0		0 11	0 0	0	0	7,488	(7,488)				process extended 1 year. All pha
Phase II - Hawaiian Railway Society Train Station to	PREROW ROW		+	-	+		U	U	U 11	J 88	22	0	0	0	3 120	2.496	624	deferred 1 year)
Edulation Havel Mode	CON											U	0	0	5,120	0 0	0	
	th from Waipio Po	oint Access Road to Lualua	alei Naval Road.															
Estimated Total Project Cost - \$19,000,000 Improve/build bikeway/bike pati	CON		1		1		4,400	0 4,	400									NHPP
Moanalua Freeway (Route 78) and Interstate Route H-2				1						0 3,520	(3,520) 0	0	0				(cost estimate reduction due to l
Moanalua Freeway (Route 78) and Interstate Route H-2	ADVCON							1	1	1	1							of state match, due to cost incre
Moanalua Freeway (Route 78) and Interstate Route H-2 Guardrail and Shoulder Improvements	ADVCON	Peconstruct and have road	shoulders															A 11
4. Moanalua Freeway (Route 78) and Interstate Route H-2 y Guardrail and Shoulder Improvements Estimated Total Project Cost - \$ 5,000,000 Install and/or upgrade the existi	ADVCON	Reconstruct and pave road	shoulders.				6,242	618 5,	624									A.11 NHPP
4. Moanalua Freeway (Route 78) and Interstate Route H-2 y Guardrail and Shoulder Improvements Estimated Total Project Cost - \$ 5,000,000 Install and/or upgrade the existii Moanalua Freeway (Route H-201), Highway Lighting Improvements	ADVCON ing guardrails. Re	Reconstruct and pave road	shoulders.				6,242	618 5,	624	2,500	(2,500)	0	2,500	(2,500)				
4. Moanalua Freeway (Route 78) and Interstate Route H-2 y Guardrail and Shoulder Improvements Estimated Total Project Cost - \$ 5.000,000 Install and/or upgrade the existi 5. Moanalua Freeway (Route H-201), Highway Lighting Improvements We 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	ADVCON ing guardrails. Re CON ADVCON								(2,500	(2,500)	0	2,500	(2,500)				
4. Moanalua Freeway (Route 78) and Interstate Route H-2 by Guardrail and Shoulder Improvements Estimated Total Project Cost - \$ 5,000,000 - Install and/or upgrade the existic 5. Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass) Estimated Total Project Cost - \$6,800,000 - Upgrade/replace existing freeway	ADVCON ing guardrails. Re CON ADVCON ay lighting on Moa			estbound off-rar	mp (milepost 1.12) to the Moanalua/H-1			(epost 4.09).	2,000		0	2,500	(2,500)				NHPP
Moanalua Freeway (Route 78) and Interstate Route H-2 guardrail and Shoulder Improvements Estimated Total Project Cost - \$ 5,000,000 Install and/or upgrade the existi Moanalua Freeway (Route H-201), Highway Lighting Improvements MP 1.12 to MP 4.09 (Halawa Heights Off-Ramp to Middle St. Overpass)	ADVCON ing guardrails. Re CON ADVCON			estbound off-rar	mp (milepost 1.12) to the Moanalua/H-1			(2,000		0		(2,500)				

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #10 Processed

	Project Criteria Color K	ey: GREEN	= SYSTEM PRE	SERVATION	PURPLE = SA	FETY IMPROV	EMENTS BRO	WN = CONGES	STION MITIGAT	ΓΙΟΝ PINK = I	MODERNIZATIO	N ORANGE =	ENHANCEME	NT BLUE = H	IUMAN SERVI	CES TRANSPO	ORTATION PRO	OGRAM TUR	QUOISE = TRA	NSIT	
. : . :			FFY2015 ((Oct 1, 14 - S	ep 30, 15)	FFY2016	(Oct 1, 15 - Sep	30, 16)	FFY2017	(Oct 1, 16 - Ser	30, 17)	FFY2018	(Oct 1, 17 - Se	p 30, 18)	FFY2019	Oct 1, 18 - 6	ep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	
			TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	FUND CATEGORY & REMARKS
	PROJE€T,	PHASE	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	FUND GATEGORY & REMARKS
	Moanalua Freeway (Route H-201) Seismic Retrofit,	CON										10,822	288	10,534							NHPP
SysPres	Puuloa Interchange, Ramp "A" and Puuloa Separation	ADVCON													0	8,370	(8,370))			
	Estimated Total Project Cost - \$11,700,000 Retrofit interchange structures,	Puuloa Interch	ange, Ramp "A"	and Puuloa S	Separation, to me	et current seism	nic standards.														
OS62.	Pali Highway (Route 61) Resurfacing & Lighting Improvements																				NHPP
SysPres	Vineyard Blvd (Route 98) Kamehameha Highway (Route 83)																				
																					(cost increase due to added scope.
	Ph 1 - Lighting Vineyard Blvd to Kamehameha Hwy &	CON							69,000	24,000	45,000										Adjusted AC conversions to maintain
	Resurf. Waokanaka St. to Kamehameha Hwy.	ADVCON										0	10,200	(10,200)	0	21,000	(21,000)			financial constraint) A.11
		CON							4,300	3,440	860										HSIP
	Ph 2 - Resurfacing, Vineyard Blvd to Waokanaka St	CON													18,000	4,400	13,600				NHPP
		ADVCON																0	10,000	(10,000)	NHPP
	Estimated Total Project Cost \$96,000,000 Scope of work includes but is	not limited to d	cold planing, resu	ırfacing, recoi	nstruction of wea	kened pavemer	t, installation of r	ew highway ligi	hting, construct	ion of concrete r	nedian barriers,	replacement of g	guardrails in-kir	d and end treatr	nents, installa	tion of new gua	ardrails,				
	installing bridge rails, and installation of signs and pavement markings.																				
OS49	Recreational Trails Program - Oahu	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL
Enhano																					TRAILS (DLNR)
	Estimated Total Project Cost - \$2,154,000 A Federal-aid assistance program	m to help the S	tate provide and	maintain reci	eational trails for	both motorized	and non-motoriz	ed recreational	use.												
OS52	Sand Island Access Road (Route 64), Truck Weigh Station	DES				135	0	135													NHPP
Safety	Kapalama Container Terminal	PREROW				130	0	130													(Defer/inflate. CatEx not expected to
		ROW							0	0	0	3,060	2,448	612							be complete in 2017. Can't acquire
		CON										5,100	80	5,020							ROW w/o the CatEx.) A.2
		ADVCON													0	4,000	(4,000))			
	Estimated Total Project Cost - \$9,000,000 design, construct & operate a tru	ck weigh statio	on to perform truc	ck inspections	& driver credent	ial checks @ th	e egress of the co	ontainer termina	al on Sand Islan	nd Acc Rd. This	includes aux. la	nes to accommo	date trucks, tra	ffic controls, truc	k weighing infi	rastructure & co	omputer hardwa	are/software, op	erator kiosk/offi	ce.]
OS63.	Traffic Counting Stations, Various Locations	CON							2,500	0	2,500										STP FLEXIBLE
Modern		ADVCON							-			0	2,000	(2,000)							1
	Estimated Total Project Cost - \$4,500,000 Construction of traffic counting s	tations for traff	ic data gathering	and planning	purposes. There	is a separate p	hase shown for t	he rest of the is	lands in Statew	ide section of th	e STIP. This is a	part of phase 2	of the Statewic	le project. The p	roject will colle	ct required High	hway Performa	nce Monitoring	System (HPMS)	data.	
	OAHU: STATE - FHWA TOTAL		158,769	89,719	69,050	100,095	68,760	31,335	271,908	96,694	175,214	163,742	77,963	85,779	219,421	198,208	21,213	128,158	129,868	(1,710)	
			7																		

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

Project Criteria Color I	Key: GREEN	= SYSTEM PR	ESERVATION	PURPLE = SA	AFETY IMPROV	EMENTS BR	OWN = CONG	ESTION MITIGAT	ION PINK =	MODERNIZATIO	ON ORANGE =	= ENHANCEME	ENT BLUE = H	IUMAN SERVI	CES TRANSPO	ORTATION PRO	OGRAM TURO	QUOISE = TRAI	NSIT	
	1: -: -: -:	FFY201	5 (Oct 1, 14 - Se	p 30, 15)	FFY2016	(Oct 1, 15 - Se	p 30, 16)	FFY2017	(Oct 1, 16 - Se	p 30, 17)	FFY2018	(Oct 1, 17 - Se	ер 30, 18)	FFY2019	(Oct 1, 18 - S	ep 30, 19)	FFY2020	(Oct 1, 19 - Se	30, 20)	
PROJECT	1 - 1 - 1 - 1 -	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL (x\$1000)	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	FUND CATEGORY & REMARKS
PROJECT PROJECT	PHASE	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	
				·																
OAHU: STATE - FTA																				
OS50. Transportation Assistance for Elderly and Disabled	EQP	482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	FTA SECTION 5310
Human																				
Estimated Total Project Cost - \$7,156,000 Enhanced Mobility of Seniors an	nd Individuals v	vith Disabilities	(Section 5310 - U	Urban) Funds fr	om program wil	l be utilized for t	he purchase of	buses - for the pr	ogram audiend	e.										
OAHU: STATE - FTA TOTAL		482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	

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	1: -: -: -:	FFY2015	(Oct 1, 14 - 0	ep 30, 15)	FFY2016	(Oct 1, 15 - Sep	30, 16)	FFY2017 (Oct 1, 16 - Sep	30, 17)	FFY2018	(Oct 1, 17 - Se	p 30, 18)	FFY2019	(Oct 1, 18 - Se	p 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	1::::::::::::::::::::::::::::::::::::::
PROJECT	DUASE	TOTAL (wt1000)	FEDERAL /v\$1000\	LOCAL (v\$1000)	TOTAL (v\$1000)	FEDERAL (v\$1000)	LOCAL (x\$1000)	TOTAL	FEDERAL (v\$1000)	LOCAL	TOTAL (x\$1000)	FEDERAL (×\$1000)	LOCAL (*\$1000)	TOTAL (v\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (v\$4000)	FEDERAL (×\$1000)	LOCAL (vs1000)	FUND CATEGORY & REM
PROJECT.	FIIAGE	(140000)	(X\$1000)	(x\$1000)	(X\$1000)	(1000)	(451000)	(491000)	(X\$1000)	(X\$1000)	(X41000)	(X41000)	(X\$1000)	(X\$1000)	(401000)	(A#1000)	(201000)	(X\$1000)	(x31000)	
CITY & COUNTY OF HONOLULU - FHWA																				
Alapai Transportation Management Center	DES	1	0	1	6	1	5	10	0	10										STP FLEXIBLE
	CON	23,770	0	23,770	23,373	0	23,373	25	0	25										
	ADVCON	0	12,674	(12,674)	0	16,000	(16,000)													
	EQP	1	0	1	1,700	0	1,700	200	0	200										
	OPR							0	0	0	300	240	60							Request to defer OPR funds (
Estimated Total Project Cost - \$97,813,000 A joint communications center	to be built behi	ind the Alapai T	ransit Center.	The communicati	ons center will i	old City, State &	emergency respo	nse agencies.												
Bikeway Improvements Program																				
Hamakua Drive (RTE 6010)	PE2				1	0	1	103	66	37										STP FLEXIBLE
	001							677	544	400	400	00	00							Request to revise programme
	CON	-						157	541 125	136 32	100	80	20							within project phases (A.11).
.ehua Avenue - Bike Lane & Pedestrian Improvements	PE1			1				157	125	32	50	40	10							+
энца хүчние - ыке сане а Рецеанан ініргоченіента	PE2													0	0	0				-
BD - DES 2019	ROW													1	0	1				1
PD - DE2 2019	PE1													425	300	125				1
	PF2													423	300	123	125	100	25	1
BD - DES 2020	ROW																123	100		1
DD - DEO 2020	PE1																425	v		1
																	120	000	120	
Estimated Total Project Cost - \$6,695,000 An on-going islandwide program	n for the implem	nentation of the	Oahu Bicycle	Master Plan impre	overnents, the o	evelopment of ne	w projects, and th	e upgrade of	existing bicycle	projects.										
	DEC	900	720	180	900	720	180	526	0	526	900	720	180	1,000	800	200	1,000	800	200	BRIDGE OFF SYSTEM
Bridge Inspection and Appraisal	DES		120				100	320	•				100							
Bridge Inspection and Appraisal	DES		720				100	320					100							December to a line a line and a state of the
							100	320	V				180							Request to localize project fur
Estimated Total Project Cost - \$5,600,000 Inventory, inspect, and appraise					ey.		100	320					180							Request to localize project fu
					ey.		100	320					180							Request to localize project fu
Estimated Total Project Cost - \$5,600,000 – Inventory, inspect, and appraise Computerized Traffic Control System	e City bridges, in				ey.		100	320			250	100								
Estimated Total Project Cost - \$5,600,000 Inventory, inspect, and appraise	e City bridges, in				ey.		100	320			250	199	51	103	82	21				Request to localize project fu
Estimated Total Project Cost - \$5,600,000 – Inventory, inspect, and appraise Computerized Traffic Control System	PE1 PE2				ey.		100	320			250	199		103	82 2.351	21 816				
Estimated Total Project Cost - \$5,600,000 – Inventory, inspect, and appraise Computerized Traffic Control System	e City bridges, in				ey.		100	320			250	199		103 3,167	82 2,351 0	21 816				
Estimated Total Project Cost - \$5,600,000 — Inventory, inspect, and appraise Computerized Traffic Control System Phase 14 - Mililani Town	PE1 PE2 CON EQP				ey.		100	320			250	199		3,167 1	2,351 0	816 1				
Estimated Total Project Cost - \$5,600,000 – Inventory, inspect, and appraise Computerized Traffic Control System	PE1 PE2 CON				ву.		100	320			250	199				816	103	82		STP FLEXIBLE
Estimated Total Project Cost - \$5,600,000 — Inventory, inspect, and appraise Computerized Traffic Control System Phase 14 - Mililani Town	PE1 PE2 CON EQP PE1				sy.		100	320			250	199		3,167 1	2,351 0	816 1	103		21	STP FLEXIBLE
Estimated Total Project Cost - \$5,600,000 — Inventory, inspect, and appraise Computerized Traffic Control System Phase 14 - Mililani Town	PE1 PE2 CON EQP PE1 PE2				ey.		100	320			250	199		3,167 1	2,351 0	816 1		3,264	21 816	STP FLEXIBLE
Estimated Total Project Cost - \$5,600,000 — Inventory, inspect, and appraise Computerized Traffic Control System Phase 14 - Mililani Town	PE1 PE2 CON EQP PE1 PE2 CON EQP PE1 PE2 CON EQP				ey.		100	020			250	199		3,167 1	2,351 0	816 1	4,080 1	3,264 0	21 816 1	STP FLEXIBLE
Estimated Total Project Cost - \$5,600,000 - Inventory, inspect, and appraise Computerized Traffic Control System Phase 14 - Millani Town Phase 15 - Wahiawa	PE1 PE2 CON EQP PE1 PE2 CON				ey.			Jan			250	199		3,167 1	2,351 0	816 1	4,080	3,264 0 199	21 816 1 51	STP FLEXIBLE
Estimated Total Project Cost - \$5,600,000 - Inventory, inspect, and appraise Computerized Traffic Control System Phase 14 - Millani Town Phase 15 - Wahiawa	PE1 PE2 CON PE1 PE2 CON EQP PE1 PE2 CON PE1 PE2 PE2 PE1 PE2 PE1 PE2 PE2 PE1 PE2 PE1 PE2 PE1				2y.			JEV -			250	199		3,167 1	2,351 0	816 1	4,080 1 250	3,264 0 199 82	21 816 1 51 21	

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

	: • : • : • :	FFY2015	5 (Oct 1, 14 -	Sep 30, 15)	FFY20	16 (Oct 1, 15 - Se	p 30, 16)	FFY2017	(Oct 1, 16 - Se	ep 30, 17)	FFY2018	(Oct 1, 17 - Sep	30, 18)	FFY2019	(Oct 1, 18 - S	ep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	<u> </u>
PROJECT.	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND GATEGORY & REMARK
Kapolei Parkway (Route 8920) Extension	DES	50		50		(III)	4.7.2.7				((,,	1(41)	(,	4.7.2.00	. (*******	(14:11-7)	(14.14.7)	(STP FLEXIBLE
st	CON	240																		011 1 22,11322
Estimated Total Project Cost - \$23,789,000 Provide an extension of the exi	sting Kapolei P	arkway from Ka	amokila Blvd.	to Fort Barrette F	Road to bring c	ongestion relief to	the ewa regio	n where it is anti	cipated the maj	ority of residentia	l and employmer	nt growth is proje	cted. This proje	ect is identified i	in the Oahu R	egional Transp	ortation Plan 20:	30.		
Makakilo Drive (Route 8810) Extension	PE2				Ĭ	Ĭ		1,500	0	1,500	1,570	0	1,570							STP FLEXIBLE
																				Request to defer informational CO
Phase 1	CON																(0	0	(A.6).
Estimated Total Project Cost - \$46,400,000 Plan, design and construct the		akakilo Drive fr	om the Palehi	ua Subdivision to	the H-1 Freev	vay.														
Salt Lake Boulevard Widening	CON										39,172	10,172	29,000	40,000	11,000	29,000	1			STP FLEXIBLE
																				Request to decrease costs for the
Phase 3																				purposes of financial constraint (A.11).
Phase 3					1												-			constraint (A.11).
Estimated Total Project Cost - \$80,000,000 To widen the Salt Lake Bouleva	ard to a multi la	no roadway wi	thin the existing	og 100' right of w	L ny hotwoon Mr	aluna and Ala Lilik	ni Stroots	 	1											1
Traffic Improvements at Various Locations	aru to a muitria	ne roadway wii	unin une exisui	ig 100 right-or-w	ay between inc	aiuria ariu Ala Lilik	or streets.													STP FLEXIBLE
Phase 1 - Village Park/Kupuna Loop	DES	450	360	90																31F I LEXIBLE
Thase 1 - Village Fahlvitapuha 200p	DEG	400	500	30	+												1			Request to increase costs for Villa
																				Park/Kupuna Loop CON and
																				reduce costs for Village Park/Kup
	CON										2,185	1,750	435							INSP phases (A.11).
	INSP										250	200	50							1 ' ' '
Phase 2 - Kalaheo Avenue/Kailua Road	ROW													106	0	106				
	CON													1,590	0	1,590				
	INSP													265	0	265				
Phase 3 - Liliha Street Design - Complete Streets	PE1							350	0	350										
	PE2										250	0	250							
	CON													1,625	0	1,625				
	INSP													130	0	130				
Phase 4 - University Avenue Design - Complete Streets	PE1										425	0	425							
	PE2													125	0	125				
	CON																1,178	0	1,178	
Phase 5 - TBD - DES 2019	PE1													425	300	125				
	PE2																125		25	
Phase 6 - TBD - DES 2020	PE1																425	300	125	
F			I	1	1			L												-
Estimated Total Project Cost - \$9,244,000 Provide traffic congestion relief a	and improve tra	ttic satety at va	arious location	s, including but r	ot limited to Pa	alolo, Village Park	& Kupuna Loo	p area, and Kala	heo Avenue/Ka	ilua Road.										
Traffic Signal Optimization																				OTD ELEVIDLE
St. Dhann C. Karalai Fire Maladila	PE1													000	040	=0				STP FLEXIBLE
Phase 6 - Kapolei, Ewa, Makakilo	PE1 PE2				-									390	312	78	260	208		
Dhara 7, TDD																	260	208	52	
Phase 7 - TBD	PE1 PE2										100	0	100							
Phase 8 - TBD	PE2 PE1										100	0	100		0					
Filase o - IDD	PE1 PE2													100	0	100				
	PE2													100	0	100		-		

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The part of the	Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION I	PROGRAM TURQUOISE = TRANSIT
Color	FFY2015 (C)c+1, 14. 66p-30-15)	FY2028 (Cet'11 (9 - Sep'30, 29): - TOFAL - FUND GATEGORY & REMARKS 0): (481000): (481000): (481000)
Propose 1		STP FLEXIBLE
Phase 18 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services) Phase 19 - Appearant Providence Association Services (Providence Association Services)	St, Prospect St, California	request to modify phase descriptions (A.
Page 17 Auton (Richards & Proposed St.) Proposed St. Propo		
## Sec. 17 No. 19 No. 1	ing St/Ward Ave, Salt Lake rrington Hwy/Nanaikeola St, Nehoa t, Kamehameha Hwy/Lipoa St,	
Plase 19. Rettin RalParka St. Krapicali Biol of Primatina St. (Rapical Biol of Primatina St.	neha Hwy/Haiku Rd, King	
Phase 15- Potes Richaiss 31, Kopcian But on Penetrum St (Roud Februrg Records), School	001	Request to increase Phase 17 costs (A.1
Plane 19-		
CON	g St, Kapiolani Blvd/Atkinson Dr, td/Hoomalu St	
Phase 19 - Wallale Avenue at 16th Avenue, Mananius Road at Ualo Steel PE		577
PE2	EQP 4 0	·
PE2	ue, Moanalua Road at Ualo Street PE1 274 219 55	request to defer PE2 for Phase 19 (A.2)
Phase 32 - Improve the sensing time of day coordinated staffic agents systems to the more garanatic of Adaptive Tail Info Control Technology - COI	PE2 0 0 0 188 150 38	
Phase 22 1-100 10 10 10 10 10 10		
Pital	day coordinated traffic signal- p-Traffic Control Technology-	
Pitage 22 31 - TBD		
PEZ		
Column 1 - HART Secure Bike Storage Units (FHVA) to FTA Flex Funds: Estimated Ethanoc Total Project Cost - \$500,000 CON 500 400 100 CON 500 400		
1 - HART Secure Bike Storage Units (FHWA to FTA Fiex Funds: Estimated Potential Cotton Project Cost - \$50,0000) 2 - HART Middle Loch Connector (FHWA to FTA Fiex Funds: Estimated Total Project Cost - \$50,0000) 4 - Bikeshare Equipment for Honolulu System Expansion (Estimated Total Project Cost - \$50,0000) 3 - Ala Wai Pedestrian and Bicycle Safety and Mobility Project (Estimated Total Project Cost - \$5,000,000) 4 - Bikeshare Equipment for Honolulu System Expansion (Estimated Total Project Cost - \$5,000,000) 5 - East Kapole Rail Station Multi-modal Access Improvements (Estimated Total Project Cost - \$8,400,000) FE1 FE2 5 - East Kapole Rail Station Multi-modal Access Improvements (Estimated Total Project Cost - \$8,400,000) FE2 FE1 FE2 FE1 FE2 FE1 FE3		
Total Project Cost - \$500,000 CON 500 400 100	WA to FTA Flex Funds: Estimated CON 500 400 100	fAP-U
Project Cost - \$5,723,000 EOP 1,000 800 200	CON 500 400 100	
PE1	ENP 1,000 800 200	
5 - East Kapolei Raii Station Multi-modal Access Improvements (Estimated Total Project Cost - \$8,400,000) CON	PE1 500 400 100	
6 - TBD (Estimated Total Project Cost - \$4,389,000) CON Estimated Total Project Cost - \$7,889,000 The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation and enhanced mobility, and community improvement activities. Locations to be determined by the OahuMPO TAP Project Evaluation and Ranking process. CC26. Transportation Alternative Program (State) Phase 4 - Purchase of Bike Share Stations and Bikes Phase 5 - Transit Oriented Development Wayfinding Master Plan Phase 5 - Transit Oriented Development Wayfinding Master Plan Phase 2 - Date Street Bikeway Bridge Phase 1 - HART Chinatown Bike Facility (FHWA to FTA Flex Funds)	Access Improvements (Estimated PE2 600 0 600 0 600	
CON 1,000		678
Dublic transportation and enhanced mobility, and community improvement activities. Locations to be determined by the OahuMPO TAP Project Evaluation and Ranking process.		
Phase 1 - HART Chinatown Bike Facility (FHWA to FTA Flex Funds) PEI Pase 1 - HART Chinatown Bike Facility (FHWA to FTA Flex Funds) PEI PEI Pase 1 - Base 1 - HART Chinatown Bike Facility (FHWA to FTA Flex Funds) PEI Pase 2 - Date Street Bikeway Bridge PEI Pase 3 - Date Street Bikeway Bridge PEI Pase 4 - Date Street Bikeway Bridge PEI Pase 5 - Date Street Bikeway Bridge PEI Pase 6 - Date Street Bikeway Bridge PEI PEI Pase 6 - Date Street Bikeway Bridge PEI PEI Pase 6 - Date Street Bikeway Bridge PEI	- The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives. including on- and off-mad pedestrian and hisvale facilities. Infrastructure projects for immunion non-driver across	is to
Phase 4 - Purchase of Bike Share Stations and Bikes	ity, and community improvement activities. Locations to be determined by the OahuMPO TAP Project Evaluation and Ranking process.	
Phase 4 - Purchase of Bike Share Stations and Bikes EQP 1,254 999 255 Phase 3 - Haleiwa Road Multi-Use Path PE1 225 172 53 Phase 5 - Transit Oriented Development Wayfinding Master Plan PE1 170 128 42 Phase 2 - Date Street Bikeway Bridge PE1 400 312 88 Phase 1 - HART Chinatown Bike Facility (FHWA to FTA Flex Funds) PE2/CON 250 200 50		TAP
Phase 5 - Transit Oriented Development Wayfinding Master Plan PE1 170 128 42 128		
Phase 2 - Date Street Bikeway Bridge PE1 400 312 88 Phase 1 - HART Chinatown Bike Facility (FHWA to FTA Flex Funds) PE2/CON 250 200 50		
Phase 1 - HART Chinatown Bike Facility (FHWA to FTA Flex Funds) PE2/CON 250 200 50		
Estimated Total Project Cost - Combined with the statewide portion, ~\$2.4 million/year The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects		
, , , , , , , , , , , , , , , , , , ,	with the statewide portion, -\$2.4 million/vear The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation alternatives. including on- and off-mad mediastrian and bisvela facilities. infrastrus	cture projects
for improving non-driver access to public transportation and enhanced mobility, and community improvement activities. Locations to be determined by the State TAP Project Evaluation and Ranking process. HARTprojects may be flexed from FHWA to FTA.	transportation and enhanced mobility, and community improvement activities. Locations to be determined by the State TAP Project Evaluation and Ranking process. HARTprojects may be flexed from FHWA to FTA.	
OC11. Waipio Point Access Road (Route 7139) Improvements CON 158 96 62 SysPres CON 158 96 62	Provements CON 158 96 62	STP FLEXIBLE
Estimated Total Project Cost - \$5,000,000 Construction of traffic improvements to improve a two-lane collector road between the Oahu Railway and Land Company Bioycle Pedestrian Path and the Waipio Peninsula Soccer Park.	Construction of traffic improvements to improve a two-lane collector road between the Oahu Railway and Land Company Bicycle Pedestrian Path and the Waipio Peninsula Soccer Park.	
OAHU: C&C OF HONOLULU - FHWA TOTAL 29,508 17,000 12,508 29,553 19,551 10,002 9,168 4,744 4,424 50,936 17,698 33,238 56,436 20,725 35,711 13,768	OTAL 29,508 17,000 12,508 29,553 19,551 10,002 9,168 4,744 4,424 50,936 17,698 33,238 56,436 20,725 35,7	711 13,768 9,984 3,784

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

Froject Citteria Color	Key: GREEN	= SYSTEM PR	ESERVATION	PURPLE = SA	FETY IMPROV	EMENTS BRO	OWN = CONGE	STION MITIGATIO	N PINK =	MODERNIZATION	ORANGE = EN	HANCEME	NT BLUE = HI	UMAN SERVIC	ES TRANSPOR	TATION PRO	GRAM TURO	UOISE = TRAN		
		FFY201	(Oct 1, 14 - Sep	30, 15)	FFY2016	(Oct 1, 15 - Set	30, 16)	FFY2017 (C	oct 1, 16 - Sej	p 30, 17)	FFY2018 (Oc	t 1, 17 - Sej EDEDAI	p 30, 18)	FFY2019	(Oct 1, 18 - Sep	1004	FFY2020	(Oct 1, 19 - Sep	30, 20)	FUND CATEGORY & REMARKS
PŖOJĒCT,	PHASE	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	FFY2017 (O TOTAL (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000) (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	FOND GATEGOAT & REMARKS
											.,		-,							
CITY & COUNTY OF HONOLULU - FTA																				
12. Agency-Provided Trips																				
nan Agency-Provided Trips																				
	OPR	334	167	167																FTA §5307/§5340 (2014)
	OPR				209	104	105													FTA §5307/§5340 (2015)
	OPR	512	249	263																FTA §5310 (2013)
	OPR OPR	733	0	733	722 1.087		415 1,087	2,259	0	2,259	3,100	0	3,100	3,223	0	3,223	3,352	0	3,352	TA §5310 (2014)
Estimated Total Project Cost - \$11,899,000 Establish selected human ser									for the servi		3,100	U	3,100	3,223	0	3,223	3,352	U	3,332	LOCAL
Bus and Handi-Van Acquisition Program			ı"					, ,												
nsit FY15 = 17-40' buses + 19-60' buses + 19 small vans + 6 < 30' buses	EQP				3,688	2,519	1,169	20,825	2,231	18,594	20,825	2,231	18,594	20,825	2,231	18,594	20,825	2,231	18,594	FTA §5307/§5340
FY16 = 30 <30' buses + 0-35' buses + 15-40' buses + 10-60' buses FY17 = 10 <35' buses + 10-40' buses + 10-60' buses	EQP	15,086	11,461	3,625	40.040		0.004													FTA §5307/§5340 (2014)
FY17 = 10 <35' buses + 10-40' buses + 10-60' buses FY18 = 9 <35' buses + 10-40' buses + 10-60' buses	EQP EQP	2,403	1,923	480	13,018	10,414	2,604													FTA §5307/§5340 (2015) FTA §5309 (2012)
1 110 = 3 300 buses 1 10 40 buses 1 10 00 buses	EQP	2,400	1,525	400				1.388	1.178	210	1,503	1,202	301	1,533	1,226	307	1,564	1,251	313	FTA §5337 SOGR
	EQP	1,297	1,047	250				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,		,		22.	,,,,,,	, ,		,,,,,			FTA §5337 SOGR (2013)
	EQP	1,376	1,111	265																FTA §5337 SOGR (2014)
	EQP	0	0	0	1,410	1,133	277													FTA §5337 SOGR (2015)
	EQP EQP	4,365	0.400	873				2,979	2,352	627	3,345	2,399	946	3,411	2,447	964	3,480	2,496	984	FTA §5339
	EQP	4,365 4,271		873 854																FTA §5339 (2013) FTA §5339 (2014)
	EQP	4,2/1	3,417	0.04	4.453	3,562	891													FTA §5339 (2014)
	INSP	,			48	.,														FTA §5307/§5340 (2015)
Estimated Total Project Cost - \$153,918,000 Purchase replacement trans.	t buses and har	ndi-van vehicles	3.																	
Bus Stop ADA Access and Site Improvements					_	_		-		_										
nsit	PLN DES	1	0	1	5	0		5	0		1	0	1	1	0	1 070		Ü		LOCAL LOCAL
	CON	270 621		270 321					145	365 100	270 321	0	270 321	270 321	0	270 321				TA §5307/§5340
	ROW	5	0	5	20		20	0	0	0	5	0	5	5	0	5		0		-OCAL
	EQP				5	0	5	5	0	5										OCAL
	RELOC	1	0	1	5	0	5	20	0	20	1	0	1	1	0	1	1	0	1	OCAL
	INSP																			
Estimated Project Cost - \$4,185,000 - To modify bus stops and bring them in 15. Bus Stop Site Improvements	PLN	with the Americ	ans with Disabilitie	es Act (ADA).																OCAL
nsit	ROW	5	0	1																OCAL
i Git	DES	90	0	90																LOCAL
	CON	1,735	1,330	405																FTA §5307
	EQP	1	0	1																OCAL
F. (1	Ļ.,																			
Estimated Project Cost - \$1,832,000 This is an ongoing program to improve 24. Capital Training	OPR	is sneiters, ben 25		nprovements a	t various location 25		5	25	20	5	26	21	5	26	21	5	27	22	F. 1	TA §5307/§5340
nsit	OFIX	25	20	5	25	20	5	25	20	5	20	۷۱	5	20	21	5	21	22	5	11/1 3000/130040
Estimated Project Cost - \$150,000 Public Transit Division staff attendance	at training work	kshops offered	by the National Tra	ansit Institute.																
16. Honolulu Rail Transit Project																				
nsit §5309 New Starts	HRTP							2,480,034	744,010	1,736,024										FTA §5309 NS
FHWA to FTA Flex Funds: HDOT Highway Improvements (OS64) FHWA to FTA Flex Funds: Transportation Alternatives Program (OC25	HRTP HRTP							22,500 1,250	18,000 1,000	4,500 250	18,750	15,000	3,750							TA §5307/ §5340 TA §5307/ §5340
and OC26)	HRIP							1,250	1,000	250										- TA §5307/ §5340
and GO20)																				
Estimated Total Project Cost - \$5,163,693,000 Plan, design and construct	a fixed guidewa	ay system betw	een East Kapolei a	and Ala Moana	Center. The s	system includes	stations and re	ated appurtenance	s, park-and-ri	ide facilities, a ma	intenance and store	age facility,	light metro vehic	les and associa	ated core system	ns.				
 Total estimated cost (YOE\$) = \$5,163,693,000 (including finance charge 				188,000; DES	= \$564,660,00	0; CON = \$4,143	,317,000; EQP	= \$208,501,000.												
b. The estimated total project cost reflects escalation calculated by FTA's P				-0)																
 c. Estimated local share of total estimated costs (excluding Unallocated Cor 17. Local Shuttle Service 	ungency) is app	proximately \$3,	507,789,262 (YOE	: Φ).		1							-							
7. Local Shuttle Service	OPR							260	n	260	270	n	270	280	0	280	291	0	291	LOCAL
	OPR	204	102	102				200	- 0	200	210	0	210	200	0	200	231	U	231	FTA §5307/§5340 (2014)
	OPR	_,			204	102	102													FTA §5307/§5340 (2015)
Estimated Total Project Cost - \$1,319,000 To maintain and expand shuttle		een Kalaeloa ho	meless shelter sit	es and the Ka	polei Transit Ce	enter to address	transportation i	needs of low income	e persons.											
18. Middle Street Intermodal Center	PLN							1.040	1 240	400	1	0	1							TA §5339 TA §5339 (2016)
isi	PLN DES							1,846	1,348	498	200	0	200							TA §5339 (2016) LOCAL
	CON										200	U	200	5,864	0	5,864	5,867	0	5.867	LOCAL
	EQP													1	0	1	1			LOCAL
Estimated Total Project Cost - \$13,780,000 Design, construct, inspect, an		tion founds for F	book II Dhook II is	a tha aamalati	on of the Handi	Van narking lat	transit santar r	latform and hus no	rking and na	rkina aaraaa			_							

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

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Project Criteria Color K	-,	EEV204E	ESERVATION	on 20 45)	FETY IMPROV		20.46\	EEV2047		IODERNIZATIO		(Oct 1 17 Co.		IUMAN SERVI				QUOISE = TRA	
Pr¦oJE€T,	DUASE	TOTAL (w61000)	FEDERAL (v\$1000)	LOCAL	TOTAL /v\$1000\	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL (*\$1800)	FEDERAL	LOCAL (x\$1000)	TOTAL (*\$1000)	FEDERAL	LOOAL	TOTAL (x\$4000)	FEDERAL (v\$1000)	LOÇAL FUND GATEGORY & REMARKS
C19. Mobility Management	FILASE	(λφ1000)	(451000)	(X\$1000)	(1000)	(1000)	(451000)	(451000)	(X\$1000)	(X\$1000)	(1000)	(X41000)	(X\$1000)	(X\$1000)	(451000)	(201000)	(251000)	(231000)	(x31000)
uman	OPR	257	197	60															FTA §5307/§5340 (2014)
uman	OPR	92	76	16															LOCAL
	OPR	32	70	10	407	325	82												FTA §5310 (2013)
	OPR				407	323	ŰŽ.							458	0	458	476	0	476 LOCAL
Estimated Total Project Cost - \$2,553,000 Improve access to transportation	for neonle wit	th disabilities se	eniors and ned	nle with low inco	nes by coordina	ating transit and h	uman service t	ransportation											
C22. Pedestrian Transit Connections	ioi people wii	diddelintics, sc	more, and pec	pic mariow moon	Dy boordine	aung transit and i	aman corvide t	.aoportation.											
vsPres	PLN	1	0	1															LOCAL
	DES	250	0	250															LOCAL
	CON	1,120																	FTA §5307 (2014)
	INSP	10	,	10															LOCAL
	EQP	5	0	5															LOCAL
Estimated Total Project Cost - \$1,386,000 Plan, design, construct, inspect,	and provide e	quipment for ped	destrian and b	cycle safety and	access improve	ments near bus s	tops and transi	t centers.											
C20 Preventive Maintenance	OPR				41,638	21,833	19,805	31,250	25,000	6,250	31,250	25,000	6,250	31,250	25,000	6,250	31,250	25,000	6,250 FTA §5307/§5340
ansit	OPR	32,927	17,265	15,662	•						,								FTA §5307/§5340 (2015)
	OPR	4,407	2,311	2,096															FTA §5307/§5340 (2014)
	OPR	4,304	2,257	2,047															FTA §5307/§5340 (2013)
Estimated Total Project Cost - \$287,082,000 Preventive maintenance of FT.	A-funded rollin	ng stock (buses	and handi-van	s) to include parts	s, labor, and oth	ner related costs.													
C21. Transit Safety and Security Projects																			
ansit	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1			LOCAL
	DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1			LOCAL
	CON	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1			LOCAL
	EQP	413	330	83	356	296	60	374	299	75	381	305	76	389	311	78	396	317	79 FTA §5307/§5340
Estimated Total Project Cost - \$2,023,000 Capital projects at various transit	locations to it	nprove safety ai	nd security.																
OAHU: C&C OF HONOLULU - FTA TOTAL		77,125	48,155	28,970	68,163	40,798	27,365	2,565,633	795,583	1,770,050	80,252	46,158	34,094	67,861	31,236	36,625	68,127	31,317	36,810

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

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Project Criteria Color M	Key: GREEN	N = SYSTEM PRESERVATION	PURPLE = SA	FETY IMPROV	EMENTS BROWN = CONGESTION MITIGAT	TON PINK = MODERNIZATIO	N ORANGE =	ENHANCEMEI	NT BLUE = H	HUMAN SERVIO	CES TRANSPO	ORTATION PRO	OGRAM TURO	UOISE = TRAN	ISIT			
		FFY2015 (Oct 1, 14 - 6	ep 30, 15)	FFY2016	(Oct 1, 15 - Sep 30, 16) FFY2017	(Oct 1, 16 - Sep 30, 17)	FFY2018	(Oct 1, 17 - Set	p 30, 18)	FFY2019	(Oct 1, 18 - S	ep 30, 19)	FFY2020 (Oct 1, 19 - Sep	30, 20)	: · : · : · : ·	: - : - : - : :	77777
	1 - : - : - : -	TOTAL FEDERAL	LOCAL	TOTAL	FEDERAL LOCAL TOTAL	FEDERAL LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	FUND CAT	EGORY & REI	MARKS
PROJECT	PHASE	(x\$1000) (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000) (x\$1000) (x\$1000)	(x\$1000) (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	TOTAL (x\$1000)	(x\$1000)	(x\$1000)	<u> </u>	<u>:::::::</u>	<u>::::::</u>
FUNDING CATEGORY SUMMARY - OAHU																		
NHPP (National Highway Performance Program)		85,132			61,313	64,667		56,046			182,433			118,069				
BRIDGE OFF-SYSTEM		720			720	0		720			800			800				
STP ENHANCEMENT / TAP		0			2,611	1,200		888			10,199			5,496				
STP FLEXIBLE		16,280			19,220	26,544		33,178			25,214			14,864				
SECTION 1404 - (Safe Routes to School)		0			0	0		0			0			0				
HSIP (Highway Safety Improvement Program)		0			4,160	4,440		3,624			0			136				
NATIONAL RECREATIONAL TRAILS		287			287	287		287			287			287				
CMAQ (Congestion Mitigation Air Quality)		0			0	0		0			0			0				
FTA TRANSFER FUNDS		0			0	0		0			0			0				
EQUITY BONUS		0			0	0		0			0			0				
EARMARK - HIGH PRIORITY		0			0	0		918			0			200				
EARMARK - RE-PURPOSED EARMARKS		0			0	2,000		0			0			0				
EARMARK - SECTION 112		0			0	0		0			0			0				
EARMARK - SECTION 115		0			0	0		0			0			0				
EARMARK - SECTION 117		0			0	0		0			0			0				
FLHD (Federal Lands Highway Discretionary)		0			0	0		0			0			0				
NRCS (National Resources Conservation Service)		0			0	0		0			0			0				
DISCRETIONARY		0			0	0		0			0			0				
HIGHWAYS FOR LIFE		0			0	0		0			0			0				
IMD (NHPP Discretionary)		4,300			0	2,300		0			0			0				
FERRY BOAT DISCRETIONARY / ARRA FBD		0			0	0		0			0			0				
	SUBTOTAL	106,719			88,311	101,438		95,661			218,933			139,852				
LESS DISCRETIONARY, DEMOETC. PROJECTS		(4,300)			0	(4,300)		(918)			0			(200)				
LESS FTA TRANSFER FUNDS		0			0	0		0			0			0				
REGULAR FORMULA AUTHORITY	TOTAL	102,419			88,311	97,138		94,743			218,933			139,652				

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

		FFY201	5 (Oct 1, 14 - 8	Sep 30, 15)	FFY2016	(Oct 1, 15 - Se	p 30, 16)	FFY2017 (Oct 1, 16 TOTAL FEDERA	Sep 30, 17)	FFY2018	(Oct 1, 17 - Se	ep 30, 18)	FFY2019) (Oct 1, 18 - S	ep 30, 19)	FFY2020	(Oct 1, 19 - Sep 30, 20)	
PŘOJĚCT.	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL FEDERA (x\$1000) (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	(x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL LOCAL (x\$1000)	FUND GATEGORY & REMARKS
HAWAII : STATE - FHWA																		
Akoni Pule Hwy (RTE 270) Realignment & Widening	CON												8.190	6.552	1.638			STP FLEXIBLE
at Aamakao Gulch	0011												0,100	0,002	1,000			OTT TELMBEL
Estimated Total Project Cost - \$8,500,000 Realign and widen roadway on to	he mauka side			catchment area.														
Bridge and Pavement Improvement Program, Hawaii	CON	16,500	0	16,500	16,500	0	16,500	16,500	0 16,500	16,500	0	16,500	16,500	0	16,500	16,500	0 16,500	NHPP / STP FLEXIBLE
Estimated Total Project Cost - \$98,300,000System maintenance of highway																		
Yearly lump sum amounts represent total State Special Maintenance Program The current list of prioritized proposed SMP projects has been posted on the												funded resurfaci	ng and paveme	ent and bridge p	preservation pro	jects (System P.	reservation)	
Daniel K. Inouye Highway (Route 200) Extension	PE2							260 20	8 52									STP FLEXIBLE
Mamalahoa Hwy (Rte 190) to Queen Kaahumanu Hwy (Rte 19)	PREROW							260 20	8 52									
Estimated Total Project Cost - \$100,000,000 New roadway and/or realignm						alahoa Highway	to the Queen I	Kaahumanu Highway.										
Daniel K. Inouye Highway (Route 200) Improvements Phase 2D: East Side Grade & Pave, MP 6 to MP 11	CON	46,000	46,000	0			-				+							STP FLEXIBLE (DAR soft match)
25. 240. 540 5440 4. 475, WII 6 10 WII 11																		
Estimated Total Project Cost - \$250,000,000 Widen and/or realign the exist		ighway.																
Guardrail and Shoulder Improvements, Various Locations	PE1 PE2				-											35 65		STP FLEXIBLE
																	02 10	
Estimated Total Project Cost - \$2,400,000 Improve guardrail and shoulders																		
. Hawaii Belt Road (Route 19), Bridge Replacement, Pres Pahoehoe Stream Bridge	ROW CON				-					1,173	938	235				10,600		NHPP
anochoc dicam bhage	0011															10,000	0,400 2,120	
Estimated Total Project Cost - \$12,200,000 Replace existing bridge.																		
Hawaii Belt Road (Route 19), Drainage Improvements	PREROW	50	40	10	1													NHPP
and Rockfall Protection, Vicinity of Hakalau Bridge	ROW				1,250	1,000	250											
	CON ADVCON				-					8,500	600	7,900	0	6.200	(6,200)			
Estimated Total Project Cost - \$9,800,000 Install a new culvert system alon		houlder. Include	e rockfall prote	ction on the cuts	lope including a	permanent mes	h system on bo	oth sides of the roadway.					0	0,200	(0,200)			
. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements,	CON									5,600	480	5,120						NHPP
Kaumoali Bridge Towards Waipunahina Bridge	ADVCON								+				0	4,000	(4,000)			
Estimated Total Project Cost - \$5,600,000 Improve guardrail and shoulders		Belt Road from	Kaumoali Brid	ge towards Waip	ounahina Bridge.													
 Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge 	CON				-											1,560	1,248 312	NHPP
Realakalla biluge Towalus Raula biluge																		
Estimated Total Project Cost - \$1,800,000 Improve guardrail and shoulders		ha Bridge to Ka	ula Bridge															
. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, ty Kaala Bridge Towards Kealakaha Bridge	CON				-								1,560	1,248	312			NHPP
Radia Biluge Towards Realakaria Biluge																		
Estimated Total Project Cost - \$1,800,000 Improve guardrail and shoulders		ridge to Kealaka	ha Bridge.															
. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paauilo Bridge	CON				1,693	1,355	338											NHPP
Estimated Total Project Cost - \$1,700,000 Improve guardrail and shoulders 1. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections,	trom Waipuna ROW	hina Bridge to	E. Paauilo Brid	lge.	-			270 2	6 54									NHPP
ty Phase I (Laupahoehoe Gulch)	CON							2.0 2	0.	38,700	0	38,700						
Followed at Total Declarations (200,000,000,000,000,000,000,000,000,000	ADVCON	Deed in the	lain aft a						1		1		0	13,000	(13,000)	0	17,960 (17,960)	
Estimated Total Project Cost - \$60,000,000 Slope protection along Route 1. Hilo Bayfront Highway (Route 19), Shoreline Protection	9, Hawaii Belt I ROW	road, in the vic	inity of Laupal	noenoe Guich.	-		-	100 8	0 20									STP FLEXIBLE
Pres	CON							100	20		1		3,640	2,912	728			//
Estimated Total Project Cost - \$3,900,000 Construct groin fields in phases of the State of th	along Hilo Bay ROW	front.											2.290	1.832	458			NHPP
25. Rawainae Road (Route 19), Walaka Stream Bridge Replacement	NOW												2,290	1,032	430			
					1													

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #10 Processed

 	· . · . · . ·			Sep 30, 15)		Oct 1, 15 - Sep 3		STION MITIGATION PINK FFY2017 (Oct 1, 16 -	= MODERNIZATI Sep 30, 17)		(Oct 1, 17 - Sep 3	30, 18)	FFY2019	(Oct 1, 18 - Se	p 30. 19)	FFY2020	(Oct 1, 19 - Sep 30, 20)	*
PROJECT	PHASE	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL				TOTAL	FEDERAL LOCAL	FUND GATEGORY & REMARKS
Keaau-Pahoa Road (Route 130) Improvements,	PREROW				104	83	21	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1, 1,	((**************************************	(,	(,	V.V.P.CO,	(-+/	(141111)		STP FLEXIBLE
ern Keaau to Pahoa	ROW							0	0 0				2,020	1,616	404			(defer/inflate ROW. Defer CON out.
Phase 1 - Keaau Bypass to Pahoa-Kapoho Road	CON									0	0	0						Design contract NTP expected 8/17)
	ADVCON												0	0	0	(0 0	A.10
Estimated Total Project Cost - \$140,000,000 Improve traffic capacity, circul	ation and safe	ety along Route	130.															
Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion Phase 2: Shower Drive Intersection Improvements	CON				3,692	2.954	738											STP FLEXIBLE
Phase 2: Shower Drive Intersection Improvements	CON	1			520	2,954 468	738 52					-				-		HSIP
	CON				320	400	J2			<u> </u>						-		HOIF
Estimated Total Project Cost - \$32,000,000 Reconstructing and widening the	e existing sho	oulder and cons	tructing new sh	oulders on the ir	bound side of the	highway betwee	n Keaau Byp	ass and Shower Drive. Phase	2 only includes w	ork on the Showe	er Drive Intersection	on.						
7. Kohala Mountain Road (Route 250) Safety Improvements	DES	40		4														HSIP
																		(cost increase. Scope increase from
									_									standardizing curves with accident h
MP 7.2 to MP 9.2	CON	ļ						4,000 3,20	0 800							-		to all curves w/in the limits)
Estimated Total Project Cost - \$4,040,000 Scope includes, but is not limite	d to: Inotollati	tion of millod nu	mble etrine en e	antarlina and ah	ouldorou biak friatio	n ourfood troots	aanti aunia a	and signs and bassons and	ahaurana far mata	musala aafatus assa	aralavatian assas	amont (to date	rmina traatma	nt) olong ontiro	acamant nau	amant markinga		A.15
 Mamalahoa Highway (Route 11) 	DES	1.400		280		ii suriace ireatii	ierit, curve al	icau signs and beacons and	CHEVIOUS IOI MOTO	rcycle salety; SUP	ererevation asses	SINGIII (IU DETE	mine neatme	nt) along entire s	seymem, pave	ement markings		STP FLEXIBLE
Pres Hilea Bridge Replacement (MP 57.7)	ROW	100		100						1		1						O LEMBLE
3spidosinon (iii. 07.17)	CON	100	1	100				7,500 6,00	0 1,500									
Estimated Total Project Cost - \$10,000,000 Replace existing bridge.								.,555	.,000									
Mamalahoa Highway (Route 11)	DES	1,400	1,120	280														STP FLEXIBLE
Pres Ninole Stream Bridge Replacement	ROW	65	0	65														
	CON							5,500 4,40										
	CON							1,500 1,20	300									RE-PURPOSED EARMARKS
Estimated Total Project Cost - \$9,454,000 Replace existing bridge.																		
9 Mamalahoa Highway (Route 11) Drainage Improvements at Kawa	CON	ļ								9,735	788	8,947	0	7.000	(7.000)			STP FLEXIBLE
Estimated Total Project Cost - \$10,000,000 Drainage improvements, include	ADVCON	ation of how out	uarta and raiain	a of the readure									0	7,000	(7,000)	1		
 Mamalahoa Highway (Route 190) Drainage Improvements 	CON	auon or box curv	veris and raisin	y or trie roadway	6,120	4.896	1,224									-		STP FLEXIBLE
Vicinity of Puuwaawaa Ranch Road	0011				0,120	4,000	1,227											OTT TEENIBLE
violity of Faurica ration road																		
Estimated Total Project Cost - \$6,500,000 Drainage improvements including	g installation	n of drainage pi	ipes, drain inlet	s, manholes and	a drywell; reconstr	uction of should	ler swales an	d roadway pavement; and co	nstructing retaining	g walls.								
0. Mamalahoa Highway (RTE 190), Safety Improvements	CON							1,457 1,31	1 146									HSIP
MP 3.9 to MP 6.9																		
Estimated Project Cost - \$1,500,000 Scope includes, but is not limited to: 1. National Recreational Trails Program - Hawaii (DLNR)								074		074			071	200	7.0		200 75	NATIONAL RECREATIONAL
National Recreational Trails Program - Hawaii (DLNR)	CON	374	299	75	374	299	75	374 29	9 75	374	299	75	374	299	75	374		TRAILS (DLNR)
Estimated Total Project Cost - \$2,240,000 A Federal-aid assistance program	m to help the	State provide ar	nd maintain rec	reational trails fo	r hoth motorized a	nd non-motorize	d recreations	Luce Anticinated funding for	Ria Island program	n						+		TRAILS (DLINK)
 Puainako St (Rte 2000) Widening and Realignment. 	PREROW	Case provide ar		oddonai trails 10	. Dour motorized at	.5011 1110101126	a , soroundria	. acc. , intropated randing for	and program	54	43	11						STP FLEXIBLE
ern Kanoelehua Ave (Rte 11) to Komohana St (Rte 1940),	ROW									Ţ.			5,600	4,480	1,120			
Phase 1 - Kawili (Rte 2770) to Kanoelehua Ave (Rte 11)	ROW												1,000	800	200			EARMARK - HIGH PRIORITY (HI02
				·														
Phase 2 - Komohana (RTE 1940) to Kawili (Rte 2770)	PREROW		1							56	45	11						STP FLEXIBLE
	ROW		1							<u> </u>						6,500	5,200 1,300	
		<u> </u>	1													-		
Estimated Total Project Cost - \$65,000,000 Widen and realign Puainako St 5. Queen Kaahumanu Highway (Route 19), Intersection Improvements	ROW	4 lanes. Improv	vements also in	clude installing t	raffic signals, signs	, pavement man 144	kings, hwy lic 36	hting, guardrails, and sidewa	lks.									HSIP
oest at Kawaihae Road (Route 19)	CON				180	144	36	1,265 1,14) 125							+		HOIP
good at Namalilae Noau (Noute 19)	CON	+	1	1				1,200 1,14	125									
Estimated Total Project Cost - \$1,500,000 Improve operation, capacity and	safety of Que	een Kaahumanu	Hwy and Kawa	aihae Road inters	section.													
8. Queen Kaahumanu Highway (Route 19), Resurfacing and	DES	307																NHPP
Pres Intersection Improvements, Vicinity of Kekaha Kai State Park	CON									6,000	800	5,200						RE-PURPOSED EARMARKS
	ADVCON												0	4,000	(4,000))		
Estimated Total Project Cost - \$6,500,000 Resurface road and replace pave	ement marking	gs, widen Kekal	ha Kai State Pa	rk intersection, e	extend drainage cui	verts and replac	ce signs.											
		1	1	1	1				1	1	1							
HAWAII : STATE - FHWA TOTAL		66.236	48.828	17.408	30.433	11.199	19.234	38.986 18.26	2 20.724	86.692	3.993	82.699	41.174	53.939	(12,765)	35.634	33.267 2.367	

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		FFY201	5 (Oct 1, 14 - Se	p 30, 15)	FFY2016	(Oct 1, 15 - Sep 3	30, 16)	FFY2017 (4	Oct 1, 16 - Sep 30), 17)	FFY2018	(Oct 1, 17 - Se	p 30, 18)	FFY2019	(Oct 1, 18 - Se	p 30, 19)	FFY2020 (Oct 1, 19 - Se	p 30, 20)	
PROJECT.	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL 1 (x\$1000) (x	TOTAL (\$1000)	FEDERAL (x\$1000)	LOCAL x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND GATEGORY & REMA
											.,, .	.,, .	., , .			(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(
COUNTY OF HAWAII - FHWA																				
Alii Drive (Route 186) Culvert Replacement	CON										12,320	6,856	5,464							STP FLEXIBLE
<mark>es.</mark>	ADVCON													0	3,000	(3,000)				(use ADVCON to redistribute fu
Estimated Total Project Cost - \$13,100,000 Replace existing concrete cu	lvert with a new	concrete bridge	۵				-													to maintain financial constraint. A.12
Bridge Inspection and Appraisal	PLN	oonerete bridge			200	160	40				200	160	40				200	160	40	STP FLEXIBLE
es Company																				
Estimated Total Project Cost - \$600,000 Inspection of county-maintained		ired by FHWA.																		
Hakalau Stream Bridge Replacement (Route 222)	PE1 PE2		1					150	0	150										STP FLEXIBLE (locally fund PE, Accelerate C
·	CON							250 3,000	2.400	250 600	0	0	0				0	0		emergency project developme
Estimated Total Project Cost - \$3,400,000 Repair or reconstruct and rest		l integrity and s	safety of the Hak	alau Stream Brid	lae.			3,000	2,400	000							0	0	0	A.1
Kaahakini Stream Bridge Rehabilitation	PE1	ninogniy and c	droty or the ridio	and Otrodin Dire	.90.			200	0	200										STP FLEXIBLE
v v	PE2									ĺ	300	0	300							(use all local funds for PE)
	CON																5,000	4,000	1,000	A.12
Estimated Total Project Cost - \$5,500,000 Repair or reconstruct and rest	ore the structura	I integrity and s	safety of the Kaa	hakini Stream B	ridge.															
Kawailani Street (Rte 2760) Improvements																				STP FLEXIBLE
Vicinity of Kanoelani Street to Vicinity of Kuhilani Street																				
Phase 2B	CON				18,100	11,104	6,996													
	ADVCON							0	3,216	(3,216)										DE DUDDOOED EADAADUO
Federal and Testal Brasinas Const. (200, 000, 000, 100, 100, 100, 100, 100,	ADVCON	at Dahaladaal	Airedon and tour	: Dt 0	-1	hinternie		0	160	(160)		1 11-1-1 1 1 11			i i		onto a monta an alia			RE-PURPOSED EARMARKS
Estimated Total Project Cost - \$22,000,000 Phase 1 includes intersection Kuakini Highway (Route 1100) Widening, Phase II	PF2	at Ponakulani, .	Ainaioa and iwai	anı. Pnase 2 wo	rk includes road	way widening and	reconstruction; co	onstructing re	taining waiis and	arainage impi	rovements; stree	t iignt and trani	ic signai system	1.632		iing concrete cu 327	irbs, gutters, sia	ewaiks, and ci		STP FLEXIBLE
Hualalai Road (Route 188) to Proposed Alii Highway (Route 1110)	CON													1,032	1,305	321	17,700	9,920		SIP FLEXIBLE
Tradital Road (Roads 199) to 110posed All Frighway (Roads 1119)	0014																17,700	3,320	7,700	
Estimated Total Project Cost - \$60,500,000 Widening of a 1.1 mile section	n of Kuakini Hig	hway from Hua	lalai Road to the	proposed Alii H	ighway. Constr	uction costs for Ph	ase 2 are estimate	ed at \$45 mill	ion. The project v	vill need to be	phased due to	our limited annu	ual allotment of	federal funds.						
Mamalahoa Highway (Route 19) Widening	CON							11,080	5,864	5,216										NHPP
(Mud Lane to Mana Road)	ADVCON		,								0	3,000	(3,000)							(use ADVCON to redistribute t
																				to maintain financial constrain
Estimated Total Project Cost - \$24,000,000 To widen and provide left-tur		rteen (13) inters	sections along th	e Māmalahoa H	ighway; and rela	ated roadway impr	ovements, includir	ng approach/	taper lane widenii	ng and adjusti	ments.									A.12
Waianuenue Avenue (Route 2720) Improvements	DES	900	720	180																STP FLEXIBLE
Rainbow Drive to Akolea Road	ROW													265	212	53				
	CON													12,903	10,120	2,783				
Estimated Tatal Basical Coast 644 000 000 Bassida a '	to to be about 1.2	<u> </u>	- d d-i "			on Deinter Si	to Aleste a Deci													
Estimated Total Project Cost - \$14,600,000 Provide roadway improveme	nts to include bil	ke lanes and pe	edestrian walkwa	ys aiong Waiani	uenue Avenue f	om Kainbow Drive	e to Akolea Road.													

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	Project Criteria Color K	ey: GREEN	= SYSTEM PR	ESERVATION	PURPLE = SA	AFETY IMPROV	EMENTS BRO	OWN = CONGE	ESTION MITIGAT	ΓΙΟΝ PINK = I	MODERNIZATIO	N ORANGE =	ENHANCEME	NT BLUE = H	UMAN SERVI	CES TRANSPO	RTATION PRO	GRAM TURG	QUOISE = TRAI	NSIT	
- : : :		[::::::	FFY201	5 (Oct 1, 14 - Se	ep 30, 15)	FFY2016	(Oct 1, 15 - Sep	30, 16)	FFY2017	(Oct 1, 16 - Sep	30, 17)	FFY2018	(Oct 1, 17 - Se	p 30, 18)	FFY2019	(Oct 1, 18 - 6	ep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	10-0-0-0-0-0-0-0-0-0-0-0-0-0-0-
1 - 1 -	[+[+[+]+[+]+[+]+[+]+[+]+[+]+[+]+[+]+[+]	-:-:-:-	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	FUND CATEGORY & REMARKS
<u> </u>	PROJECT	PHASE	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	10-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-
	COUNTY OF HAWAII - FTA																				
HC8.	Bus and Bus Facility	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
Transit																					
	Estimated Total Project Cost - \$3,400,000 Capital projects to replace, rehal-	bilitate and pur	rchase buses, v	ans, and related	d equipment, and	d to construct bu	ıs-related facilitie	es.													
HC12.	Bus and Bus Facility (discretionary)	EQP							475	380	95										FTA SECTION 5339 (Rural Bus Prgm)
Transit																					
	Estimated Total Project Cost - \$475,000 Capital projects to replace buses.																				
HC9.	Rural Transportation Program	OPR	2,000	1,000	1,000	2,100	1,050	1,050	2,164	1,082	1,082	2,230	1,115	1,115	2,298	1,149	1,149	2,368	1,184	1,184	FTA SECTION 5311(b)(3)
Transit																					
	Estimated Total Project Cost - \$13,160,000 Planning, capital, operating, job	access and r																			
	HAWAII : COUNTY OF HAWAII - FTA TOTAL		2,520	1,415	1,105	2,637	1,478	1,159	3,193	1,903	1,290	2,802	1,570	1,232	2,888	1,618	1,270	2,977	1,668	1,309	

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Project Criteria Color F	Key: GREEI	N = SYSTEM PRESERVATION	PURPLE = SA	FETY IMPROV	EMENTS BROWN = CONGESTION MITIGAT	TION PINK = MODERNIZATIO	ON ORANGE =	ENHANCEMEN	IT BLUE = H	HUMAN SERVIO	CES TRANSPO	RTATION PRO	OGRAM TURQ	UOISE = TRAN	ISIT			
		FFY2015 (Oct 1, 14 - 6	ep 30, 15)	FFY2016	(Oct 1, 15 - Sep 30, 16) FFY2017	(Oct 1, 16 - Sep 30, 17)	FFY2018	(Oct 1, 17 - Sep	30, 18)	FFY2019	(Oct 1, 18 - S	ep 30, 19)	FFY2020 (Oct 1, 19 - Sep	30, 20)		-:-:-:	
		TOTAL FEDERAL	LOCAL	TOTAL	FEDERAL LOCAL TOTAL	FEDERAL LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	FUND CATE	GORY & REMAR	(S
PROJECT	PHASE	(x\$1000) (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000) (x\$1000) (x\$1000)	(x\$1000) (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	TOTAL (x\$1000)	(x\$1000)	(x\$1000)	<u>:::::::::::::::::::::::::::::::::::::</u>	<u> </u>	
FUNDING CATEGORY SUMMARY - HAWAII																		
NHPP (National Highway Performance Program)		253			2,355	6,080		5,018			30,280			27,688				
BRIDGE OFF-SYSTEM		0			0	0		0			0			0				
STP ENHANCEMENT/TAP		0			0	0		0			0			0				
STP FLEXIBLE		48,960			19,197	16,512		7,892			37,197			19,360				
SECTION 1404 - (Safe Routes to School)		0			0	0		0			0			0				
HSIP (Highway Safety Improvement Program)		36			612	5,651		0			0			0				
NATIONAL RECREATIONAL TRAILS		299			299	299		299			299			299				
CMAQ (Congestion Mitigation Air Quality)		0			0	0		0			0			0				
FTA TRANSFER FUNDS		0			0	0		0			0			0				
EQUITY BONUS		0			0	0		0			0			0				
EARMARK - HIGH PRIORITY		0			0	0		0			800			0				
EARMARK - RE-PURPOSED EARMARKS		0			0	1,360		800			0			0				
EARMARK - SECTION 112		0			0	0		0			0			0				
EARMARK - SECTION 115		0			0	0		0			0			0				
EARMARK - SECTION 117		0			0	0		0			0			0				
FLHD (Federal Lands Highway Discretionary)		0			0	0		0			0			0				
NRCS (National Resources Conservation Service)		0			0	0		0			0			0				
DISCRETIONARY		0			0	0		0			0			0				
HIGHWAYS FOR LIFE		0			0	0		0			0			0				
IMD (NHPP Discretionary)		0			0	0		0			0			0				
FERRY BOAT DISCRETIONARY / ARRA FBD		0			0	0		0			0			0				
	SUBTOTAL	49,548			22,463	29,902		14,009			68,576			47,347				
LESS DISCRETIONARY, DEMOETC. PROJECTS		0			0	(1,360)		(800)			(800)			0				
LESS FTA TRANSFER FUNDS		0			0	0		0			•			0				
LEGG FIA INANGER FUNDS	1	Ū			U	v		U			U			U				
	1																	
	1																	
REGULAR FORMULA AUTHORITY	TOTAL	49,548			22,463	28,542		13,209			67,776			47,347				

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₽ŖŌJĘŒŢ	PHASE	TOTAL (x\$1000)	FEDERAL LOCAL (x\$1000)	TOTAL FE (x\$1000) (x	DERAL \$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL FI (x\$1000) (x	EDERAL x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOGAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND GATEGORY & REMARK
MAUI : STATE - FHWA																			
Bridge and Pavement Improvement Program, Maui	CON	17,700	0 17,700	20,500	0	20,500	20.500	0	20.500	20.500	0	20.500	20.500	0	20.500	20.500	0	20.500	NHPP / STP FLEXIBLE
Pres Kuihelani Highway Resurfacing, Honoapiilani Hwy to Puunene Ave	CON	11,300		20,000	-	20,000	20,000	-	20,000	20,000		20,000	20,000	v	20,000	20,000	Ů	20,000	111117011122
Estimated Total Project Cost - \$117,960,000-System maintenance of highway	bridges and p	pavements. Wo	ork may include bridge and/or pa	evement reconstruction	n, resurfacir	ng, restoration,	rehabilitation ar	nd/or preservat	on.										
Yearly lump sum amounts represent total State Special Maintenance Program											ave funded	resurfacing and	pavement and	d bridge preserva	ation projects (S	System Preserv	vation)		
The current list of prioritized proposed SMP projects has been posted on the	TIP website	at: http://hidot.	.hawaii.gov/highways/other/othe	r-related-links/stip/. Q	ualified and	priority SMP p	rojects could red	eive federal fu	nds should they beco	ome available.									
Guardrail and Shoulder Improvement Program																			STP FLEXIBLE
ety at Various Locations, Maui																			
Part 2-Kuihelani Highway Guardrail and Shoulder Improvements,																			
Honoapiilani Highway to Puunene Avenue	CON			1,000	800	200													
Part 3	CON									1,000	800	200							
Part 4	CON															1,000	800	200	
Estimated Total Project Cost - \$3,000,000 Improve guardrails and shoulders	at various loc	cations.																	
18. Hana Highway Bridge Preservation Program	PE1						0	0	0	1,100	880	220							STP FLEXIBLE
Pres Phase 1	PE2									1,000	800	200							(project to be turned over to CFL for
	ROW					1							1,065	852	213				development. Defer/inflate PE1. D
						1													due to transition)
Estimated Total Project Cost - \$25,000,000 Improve Hana Highway Bridges.	Improvemen	nts could includ	de widening of lanes and should	ers, replace railings, s	trengthening	g of the supers	tructure to supp	ort current des	gn loads, all abutme	ents will be upgrad	led, all appr	roach guardrail a	nd CRM walls	will be upgrade	1.				A.2
Phase 1 will include work on 6 bridges. 1. Puohokamoa, 2. Kopiliula, 3. Mokule	ehua, 4. Ulain	no, 5. Kailua, 6.	. Makanali				•												
19 Hana Highway (Route 36) Safety Improvements,	DES			50	45	5													HSIP
ety Kaiae Ln. to the Vicinity of Haiku Rd., MP 7.9 to MP 10.9	CON									450	405	45							
Estimated Project Cost - \$500,000 Scope includes, but is not limited to: Inst		led rumble strip	ps on centerline and shoulders;	superelevation asses	sment (to de	etermine treatm	ent) along entire	e segment, if n	ecessary; install flasi	hing beacons in b	oth direction	ns near Mama's	Fish House; p	ush back embar	kment; install r	rumble strips in	lane; pavement	t markings; & s	igning.
4. Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32)	ROW						0	0	0										NHPP
dern to Vicinity of Airport Access Road	CON									6,900	520	6,380							(ROW \$ not needed. Construction
-	ADVCON				-								0	5,000	(5,000)				parcel is already owned)
F //																			A.10
Estimated Total Project Cost - \$7,400,000 Widen Hana Highway.	ROW			<u> </u>						100	00	00							NHPP
Honoapiilani Highway (Route 30), Bridge Replacement, Pres Honolua Bridge	CON			<u> </u>						5.600	80 480	20 5.120							NHPP
Pres Honolda Bridge	ADVCON									5,600	480	5,120	0	4,000	(4,000)				
Estimated Total Project Cost - \$6,750,000 Replacement of a concrete T-bear		lonoaniilani Hu	wy in the vicinity of Honolus Ray	,										4,000	(4,000)				
Honoapillani Highway (Route 3000) Realignment	ii biiage oii i	топоаршати т п	III the viennity of Floridiaa Bay																NHPP
dem Phase 1B2 - Hokiokio Place to Relocated Southern Terminus	DES	50	40 10																
	ROW			100	0	100													
	PE2/CON			38,875	31,100	7,775													
Estimated Total Project Cost - \$98,000,000 Continuation of Lahaina Bypass		o Place to Relo	ocated Southern Terminus AND	from Keawe Street Ex	tension to N	lorth of the Kaa													
7. Honoapiilani Highway (Route 30), Safety Improvements	CON						1,352	1,217	135										HSIP
ety Ukumehame to Olowalu																			
			1	<u> </u>															
Estimated Project Cost - \$1,500,000 Scope includes, but is not limited to: Ir		milled rumble s	strips on centerline and shoulder	rs; pavement marking:	s; and signir	ng.	0.4	0.4	004										u loi b
17. Honoapiilani Highway (Route 30), Safety Improvements	CON			 			3,120	2,496	624										HSIP
vicinity of Kapoli Street to Papalaua Beach Park																			
Estimated Project Cost - \$3,500,000 Scope includes, but is not limited to: Ir				rs; pavement marking	s; and signir	ng.													
Honoapiilani Highway (Route 30) Shoreline Protection Vicinity of Olowalu	CON	3,250	2,600 650																NHPP
				 															
Pres vicinity of Olowaid			1																
	Make 1000 f-	at of Honon-"	ani Highway on the west -!-!f	Hakili Daint															
Estimated Total Project Cost - \$3,500,000 Shoreline protection for approxime				Hekili Point.															STD ELEVIDI E
Estimated Total Project Cost - \$3,500,000 Shoreline protection for approxime Mahului Beach Road (Route 3400), Shoreline Protection	PREROW	et of Honoapiila 20		Hekili Point.			240	100	49										STP FLEXIBLE
Estimated Total Project Cost - \$3,500,000 Shoreline protection for approxime				Hekili Point.			240	192	48	5.233	186	5.047							STP FLEXIBLE

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

	Project Criteria Color Ke	ey: GREEN	= SYSTEM P	RESERVATION	PURPLE = SA		EMENTS BR	OWN = CONG	ESTION MITIGAT		MODERNIZATIO		ENHANCEME		HUMAN SERVI	CES TRANSPO	RTATION PRO		QUOISE = TRA		
			FFY20	15 (Oct 1, 14 - S	ep 30, 15)	FFY2016	(Oct 1, 15 - Sej	p 30, 16)	FFY2017	(Oct 1, 16 - Se	30, 17)	FFY2018	(Oct 1, 17 - Se	р 30, 18)	FFY2019	(Oct 1, 18 - 6e	ep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 +
-:-:-:-:-:-	-1	-:-:-:	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	FUND CATEGORY & REMARKS
: • : • : • : • : • :	PROJECT.	PHASE	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
S10. National Rec	creational Trails Program - Maui (DLNR)	CON	449		90	449	359	90	449		90	449	359	90	449		90	449	359	90	NATIONAL RECREATIONAL
hance																					TRAILS (DLNR)
Estimated To	otal Project Cost - \$2,700,000 A Federal-aid assistance program	n to help the S	State provide a	and maintain rec	reational trails fo	both motorized	and non-motori	zed recreation	al use. Anticipate	d funding for Ma	ui program.										
S12. Paia Bypass	Road - Paia Alternative Route,	PE2													3,570	2,856	714				STP FLEXIBLE
dern Vicinity of Sp	preckelsville to Vicinity of Hookipa Park	PREROW																110	88	22	
Estimated To	otal Project Cost - \$169,000,000 Develop an alternative route to	bypass the to	own of Paia ar	nd other short ter	rm traffic conges	ion improvemer	nts. Project will b	e phased after	the environmen	tal phase is con	plete.										
320. Piilani Highw	way Safety Improvements	DES				90	81	9													HSIP
fety N. Kihei Rd t	to the Vicinity of Alanui Ke Alii Dr., MP 3.7 to MP 8.5	CON										810	729	81							
Estimated Pr	Project Cost - \$500,000 Scope includes, but is not limited to: Inst	tallation of mil	lled rumble str	ips on centerline	and shoulders;	shoulder widenii	ng where possib	le; traffic signa	l interconnectivit	y if possible; ins	allation of back	lates with retrore	flective borders	s for all traffic sig	gnal heads; ex	tend right turn a	acceleration lan	e from Welakah	ao Rd; install ru	ımble strips in t	ırning lanes; pavement markings; &
313. Puunene Ave	e. (Rte 3500) Improvements,	PREROW	34	26	8																STP FLEXIBLE
dern Kamehameh	na Ave. (Rte 3940) to Kuihelani Hwy (Rte 380)	ROW							158	126	32										
		CON													13,500	5,800	7,700				
		ADVCON																0	5,000	(5,000)	
Estimated To	otal Project Cost - \$14,000,000 Widen Puunene Ave. from Kaah	numanu Ave. t	to Kuihelani H	wy. Improvemen	t to bike lanes co	uld be included	where feasible.														
MOLOKAI																					
S15. Kamehameh	na V Highway (Route 450), Bridge Replacement	CON																7,535	6,028	1,507	STP FLEXIBLE
SPres Makakupaia	Stream Bridge																				
Estimated To	otal Project Cost - \$8,000,000 The existing 72 year old bridge w	ill be replaced	d with a new b	ridge that meets	current design s	tandards. Updat	e to meet currer	nt live load and	seismic requirer	nents. The exist	ing substructure	is also susceptib	le to scour and	the hydraulic ca	apacity of the s	tructure does n	ot meet current	t standards.			
MAUI · STA	ATE - FHWA TOTAL	·	32,803	11.541	21,262	61,064	32,385	28,679	25,819	4,390	21,429	43,142	5,239	37,903	39,084	22,867	16,217	29,594	12,275	17.319	

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

	1: -: -: -:			Sep 30, 15)		(Oct 1, 15 - Se		FFY2017 (C	Oct 1, 16 - Se	p 30, 17)		(Oct 1, 17 - Se			(Oct 1, 18 - S			(Oct 1, 19 - Sep 30, 20)	1 1 1 1 1 1 1 1 1 1
PŘOJĚCT.	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOOAL (x\$1000)	TOTAL (x\$1000)	FEDERAL LOCAL (x\$1000) (x\$1000)	FUND GATEGORY & REMARKS
COUNTY OF MAUI - FHWA																			
. Alaalaua Bridge Replacement,	DES							750	0	750									LOCAL
res Hana Highway (Route 3700), MP 33.80																			_
																			_
Estimated Total Project Cost - \$8,750,000 - Construct a temporary bypass ro		ng a new bridge	; then removing	g the temporary		E 000	4 700												OTD 51 5 VIDL 5
Baldwin Avenue (Route 390, MP 0-MP 5) Pavement Rehabilitation, S Phase 2 - Haliimaile Road to Hana Hwy	CON				6,700	5,000	1,700												STP FLEXIBLE
Phase 2 - Hallimalie Road to Haria Hwy					+														_
					1														-
Estimated Total Project Cost - \$9,600,000 - Reconstructing designated section	ons of the exist	tina roadway pa	vement: resurt	acing the remain	ning areas of roa	dwav pavement	: providina mina	or drainage improve	ements: adius	tina existina man	holes, valves, a	and street monu	ments: providing	pavement stri	oing and mark	ings: and replac	ina existina siar	nage.	
Bridge Inspection and Appraisal	PLN	427						100	80	20				300					STP FLEXIBLE
<mark>es</mark>																			(reduce estimate. 2017 work will be
Estimated Total Project Cost - \$1,000,000 Inspection of county-maintained	bridges as req	quired by FHW	A. Bridge inspe	ction funding is p	provided every tv	o years.													in house. No consultant needed) A.
Central Maui Traffic Signal Upgrades	DES							270	0	270									STP FLEXIBLE
st Papa Ave (Rte 3910, MP1.28) & Kamehameha Ave (Rte 3940, MP 1.75)	CON													1,300	1,040	260			_
Papa Ave (Rte 3910, MP 0.9) & Onehee Ave (Rte 3960, MP 0.66)																			_
Wakea Ave (Rte 3920, MP 0.93) & Lono Ave (Rte 3950, MP 0.48)																			_
Wakea Ave (Rte 3920, MP 0.35) & Onehee Ave (Rte 3960, MP 0)																			-
Wakea Ave (Rte 3920, MP 0.13) & Kea St (Rte 3970, MP 0) Hina Ave (Rte 3930, MP 0.23) & Kamehameha Ave (Rte 3940, MP 1.12)	-																		-
Hina Ave (Rte 3930, MP 0.23) & Ramenamena Ave (Rte 3940, MP 1.12) Hina Ave (Rte 3930, MP 0.57) & Lono Ave (Rte 3950, MP 0.85)					+														-
Kamehameha Ave (Rte 3940, MP 0.57) & Lono Ave (Rte 3950, MP 0.19)																			-
Tamonamona / 170 (170 00 10, 1111 0.01) & 2010 / 170 (170 0000, 1111 0.10)																			
Estimated Total Project Cost - \$1,570,000 The project will upgrade eight (8	existing signa	alized intersecti	ions within Kah	ului. Upgrades	include new wirir	g, signal displa	ys, signal hardw	vare and software, i	replacing mas	st arms and signa	l poles (where r	needed), revisin	g signal timing, a	and curb ramp	upgrades.				
Guardrail and Shoulder Improvements, Various Locations											•								STP FLEXIBLE
Phase 1 - Haliimaile Road (Route 371),	CON													1,592	1,200	392			
Haleakala Highway (Route 37) to Baldwin Ave (Route 390)																			
MP 0-MP 2.62																			_
Phase 2	CON													1,873	1,440	433			_
		<u> </u>		l	1														_
Estimated Total Project Cost - \$4,500,000 Construction of new metal guard	drails and guard DES	drail end treatm	ents, and upgr	ades to existing	traffic signage a				rogram.										STP FLEXIBLE
Hahalawe Bridge Replacement, es Hana Highway (Route 3700), MP 31.05	CON				700	0	700										7,550	5,400 2,150	
est Halla Highway (Route 3700), MP 31.05	CON				+												7,550	5,400 2,150	-
Estimated Total Project Cost - \$8,250,000 The scope of work involves con-	structing a new	v bridae mauka	of the existing	bridge and provi	idina limited rena	irs to maintain t	he existina brid	ge in place.											=
. Kahana Nui Bridge Replacement,	CON	i bridge maana	I was existing	l go ana provi	iding iiriikod rope	l lo mamama	lio oxioting bird	go III piaco.						3,683	2,570	1,113			STP FLEXIBLE
es Lower Honoapiilani Road (Route 3080), MP 2.40																			
Estimated Total Project Cost - \$4,000,000 The scope of work involves den	olishing the ex	xisting bridge, ir	nstalling a new	bridge, relocatin	ng existing sewer	and water lines	, reconstructing	the existing draina	age system to	outlet into the ne	w bridge, reloca	ating an existing	power pole, cor	nstructing new i	oadway with s	houlders, sidew	alks, curb and g	utter, curb ramps and stripin	
. Kahawaiokapia Bridge Replacement,	DES	830	24	806	i l														STP FLEXIBLE
es Hana Highway (Route 3700), MP 36.61	CON													5,620	3,672	1,948			_
					1														_
Estimated Total Project Cost - \$6,500,000 The scope of work involves con		porary bypass	road mauka of	the existing brid	ge; demolishing	the existing brid	ge; constructing		hen removing		pass road.								OTD ELEVADI E
. Kanaloa Avenue (Route 3420, MP 0-MP 0.9), es Mahalani Street / Maui Lani Parkway / Waiinu Road	DES CON							300	0	300				6.730	5.384	1.346			STP FLEXIBLE
(Route 3231, MP 0-MP 1.18) Resurfacing,	CON				+									6,730	5,384	1,346			=
Kahului Beach Road (Route 3400) to Waiale Road (Route 3180)					+														-
Tanada Seast Tioda (Nodic 5400) to Traidic Tioda (Nodic 5100)																			
Estimated Total Project Cost - \$7,100,000 The proposed scope of work for	this project co.	nsists of paven	nent resurfacino	g, reconstructing	existing curb ra	mps and sidewa	lks to be ADA o	compliant, replacing	g existing sian	ns, pavement mar	kings and stripi	ng.							1
Kaupakalua Road (Route 365) Pavement Rehabilitation	DES			,				550	0		,	ĺ							STP FLEXILE
								1/2	_										
	1																		
	CON										8,800	6,400	2,400						
res Company	CON										8,800	6,400	2,400	7,700	5,600	2,100			

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #10 Processed

Revision Effective Date: June 13, 2017

Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM | FFY2015 (OC+1, 14, 66p-30,-15) | FFY2026 (OC+1, 16, 5ep-30, 45) | FFY2020 (OC+1, 16, 5ep-30, 45) | FFY2020 (OC+1, 16, 5ep-30, 47) | FFY2020 (OC+1, 16, 5ep-30, 48) FUND GATEGORY & REMARKS MC13 Kihei Bikeway Phase 2 CON 3 590 2.872 718 STP ENHANCEMENT hance Liloa Drive (Route 3115, MP 1.39-MP 1.49). Lipoa Street (Route 3160) to Halekuai Street Estimated Total Project Cost - \$5,700,000 - The proposed scope of work for this project consists of the construction of a new 10 ft. wide multi-use path to accommodate pedestrians and bicyclists. Striping, signage & markings, landscaping, and path lighting will also be part of the construction. MC14. Kokomo Road (Rte 366, MP 3.9-MP 3.1) Pavement Reconstruction STP FLEXIBLE CON Pres Haiku Road (Route 366) to MP 3.1 and Cost Estimate increase by \$300K) Makawao Avenue (Route 365, MP 3.2-MP 2.4) Pavement Reconstruction Piiholo Road to Kokomo Road (Route 366) Estimated Total Project Cost - \$11,000,000 - Proposed scope of work consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to provide a continuous accessible route, utility adjustments, replacing existing signs, pavement markings and striping. MC15. Koukouai Bridge Modifications, 4,488 STP FLEXIBLE CON sPres Piilani Highway (Route 3700), MP 28.59 Estimated Total Project Cost - \$6,220,000 -- The scope of work involves constructing a temporary bypass road; repairing the existing bridge; then removing the temporary bypass road. MC16. Kuikahi Drive (Route 3210, MP 1-MP 0.2) Pavement Rehabilitation, STP FLEXIBLE DES 185 sPres Kualau Street to Honoapiilani Highway (Route 30) CON 2 150 1 720 430 Estimated Total Project Cost - \$2,300,000 -- The proposed scope of work for this project consists of pavement reconstruction, reconstructing existing curb ramps to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and striping. MC17. Kulanihakoi Bridge Replacement STP FLEXIBLE CON sPres South Kihei Road (Route 3100), MP 1.40 Estimated Total Project Cost - \$4,900,000 - The scope of work involves constructing a temporary bypass road mauka of the project site, demolishing the existing 4-cell box culvert bridge, installing a new bridge, installing new pavement, and removing the temporary bypass road. MC18. Lelekea Bridge Replacement CON 3,994 3,195 799 STP FLEXIBLE sPres Piilani Highway (Route 3700), MP 27.23 Estimated Total Project Cost - \$4,494,000 -- The scope of work involves constructing a temporary bypass road; constructing a new bridge; then removing the temporary bypass road. MC19. Lower Honoapiilani Road (Route 3080, MP 2-MP 3.4) Improvements, STP FLEXIBLE DES 350 sPres Phase IV, Hoohui Road to Napilihau Road (Route 3090) CON 6.020 4.500 1.520 Estimated Total Project Cost - \$16,000,000 - The proposed scope of work consists of pavement reconstruction, road widening, construct drainage systems, relocate waterlines, construct grade adjustment walls, construct sidewalks, reconstructing existing existing curb ramps to be ADA compliant, replacing existing signs, pavement markings and striping MC20 Lower Honoapiilani Road (Route 3080 MP 0-MP 2) STP FI EXIRI E DES 300 300 sPres Pavement Rehabilitation. CON 5.100 4.000 1.100 Honoapiilani Highway (Route 30) to Hoohui Road Estimated Total Project Cost - \$5,400,000 - The proposed scope of work for this project consists of pavement rehabilitation, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping MC21. Lower Main Street (Route 3830, MP 2.0-MP 1.4) Resurfacing, DES STP FLEXIBLE Pres Kahului Beach Road (Route 3400) to Hala Place 785 3.641 2.856 CON Estimated Total Project Cost - \$4,000,000 -- The proposed scope of work for this project consists of pavement resurfacing, reconstructing existing curb ramps and sidewalks to be ADA compliant, replacing existing signs, pavement markings and striping MC22. Makawao Avenue (Route 365, MP 1.5-MP 1.7) ROW 750 750 STP FLEXIBLE nance - Makani Road (Route 3630, MP 1,4-MP 1,6) Improvements. CON 1.301 1,020 281 Phase I - Eddie Tam Gymnasium to Kalama Intermediate School Estimated Total Project Cost - \$2,100,000 - Construct sidewalk improvements to provide a clear separation between travel lanes and pedestrians. Project will also review traffic operations and make recommendations to improve traffic flow through the Makawao-Makani intersection MC23. Mill Street (Route 3840) Traffic Signal at Imi Kala Street, MP 0.3 584 146 STP FLEXIBLE 730 CON Estimated Total Project Cost - \$1,430,000 -- Construct traffic signal improvements at the intersection of Mill Street and Imi Kala Street. MC24. North Shore Greenway, Phase IV CON 1.785 1.400 385 STP ENHANCEMENT hance Hana Highway (Route 36, MP 5.28-MP 6.11) from Ulupua Street to Baldwin Park Estimated Total Project Cost - \$3,010,000 -- An asphalt shared-use path will be constructed between Spreckelsville and Baldwin Park. The project will cross Kailua Stream and parallel Hana Highway. MC25. North-South Collector Road (Route 3115, MP 1.21-MP 1.99), STP FLEXIBLE DES 450 450 Kaonoulu Street to Namauu Place 7.190 5.000 2.190 CON Estimated Total Project Cost - \$32,000,000 -- The proposed scope of work consists of the construction of a new 2-lane roadway with a separated greenway to accommodate pedestrians and bicyclists. New concrete curb and gutters, traffic signage and markings, and street lighting will also be part of the construction.

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

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Other work will include the implementation of the flashing yellow arrow for the permitted left turn movement onto Pukalani Street, new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades. MC40. Old Haleakala Hwv (Route 367) 4.958 3,527 1 431 STP FI EXIBLE CON Pres Aeloa Rd to Kula Hwy. (Route 37), Reconstruction Estimated Total Project Cost - \$5,500,000 -- Reconstruct pavement on Old Haleakala Highway from Aeloa Road to Kula Hwy. Including pavement striping and marking and utility adjustments MC28. Onehee Avenue (Route 3960, MP 0.66-MP 0) Pavement Rehabilitation, STP FLEXIBLE DES 370 370 Pres and Kea Street (Route 3970, MP 0.6-MP 0) Reconstruction, 1.760 530 CON 2.290 Pana Avenue (Route 3910) to Wakea Avenue (Route 3920) Estimated Total Project Cost - \$2,700,000 - The proposed scope of work for this project consists of pavement reconstruction, installing 4 feet wide paved shoulders, reconstructing existing curb ramps and sidewalks to be ADA compliant, utility adjustments, replacing existing signs, pavement markings and stripir MC29. Papa Avenue (Route 3910, MP 2.2) Traffic Signals 192 STP FLEXIBLE ongest at Hina Avenue (Route 3930, MP 0.8) Estimated Total Project Cost - \$1,060,000 -- Project will explore and consider alternatives to intersection control while remaining sensitive to the surrounding residential area MC30. Papalaua Street (Rte 3020, MP 0.13-MP 0.17) Traffic Signal Upgrade at DES STP FLEXIBLE 130 Congest Wainee Street (Route 3015, MP 0.3-MP 0.34) CON 1.250 1.000 250 Estimated Total Project Cost - \$1,380,000 -- This project will upgrade the existing traffic signal at the intersection of Papalaua Street and Wainee Street. Upgrades include new wiring, signal displays, signal hardware and software, replacing mast arms and signal poles (where needed), revising signal timing, and curb ramp upgrades. MC31. Pavement Rehabilitation, Various Roads, South Maui DES STP FLEXIBLE SPres Kulanihakoi Street (Route 3175), MP 0-MP 0.5 CON 7.800 5.600 2,200 Waipuilani Road (Route 3170), MP 0-MP 0.6 Lipoa Road (Route 3160), MP 0-MP 0.6 and Welakahao Road (Route 3150), MP 0-MP 0.58 From South Kihei Road (Route 3100) to Pillani Highway (Route 31) Estimated Total Project Cost - \$7,500,000 — The scope of work involves reconstructing designated sections of the existing roadway pavement; resurfacing the remaining areas of roadway pavement; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage. MC33. Waiale Road (Route 3180, MP 0.45 to MP 0.51) Traffic Signals at STP FI EXIRI E CON 843 Congest Waiinu Road (Route 3231, MP 1.15 to MP 1.18) Estimated Total Project Cost - \$960,000 -- This project proposes to install a traffic signal at the intersection of Waiale Road and Waiinu Road as identified in earlier warrant studies however, other alternatives will be evaluated and considered along with TSM alternatives. Other improvements to be included are roadway widening on Waiale Road to accommodate a left turn lane. MC34. Waipuilani Bikepath STP ENHANCEMENT 1.384 CON 1.765 381 hance Kulanihakoi Street (Route 3175) to W. Waipulani Road (Route 3170) Estimated Total Project Cost - \$2,180,000 -- The proposed scope of work for this project consists of the construction of a new 12 ft. wide multi-use path to accommodate pedestrians and bicyclists. Striping, signage & markings, and street lighting will also be part of the construction. MC35. Wakea Avenue (Route 3920, MP 0.70-MP 0.71) and CON 1.298 960 338 STP FI EXIBLE Congest Kamehameha Avenue (Route 3940, MP 0.91-MP 0.92) Traffic Signal Upgrade Estimated Total Project Cost - \$1,250,000 -- This project will upgrade the existing traffic signal at the intersection of Wakea Avenue and Kamehameha Avenue. Other improvements include bike lane continuation, ADA curb ramp upgrades, and roadway widening to accommodate turn lanes on Kamehameha Avenue. MAUI: COUNTY OF MAUI - FHWA TOTAL 7.973 10.960 6.773 4,187 11,425 6,720 4,705 21,485 14,040 7.445 13,193 9,729 3,464 56,186 42,034 14.152 24.531

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #10 Processed

	Project Criteria Color R		= SYSTEM PR	RESERVATION				WN = CONGESTION			DDERNIZATIO			NT BLUE = H					QUOISE = TRA		
7 - 7	+ (+ (+ (+ (+ (+ (+ (+ (+ (+ (FFY201	5 (Oct 1, 14 - 6	ep 30, 15)	FFY2016	(Oct 1, 15 - Sep	30, 16) F	FFY2017	(Oct 1, 16 - Sep	30, 17)	FFY2018	(Oct 1, 17 - Se	p 30, 18)	FFY2019) (Oct 1, 18 - Se	ep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	10 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -
	PŖOJ E €Ţ	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL TO (x\$1000) (x\$1	TAL	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (v\$1000)	TOTAL (v\$1000)	FEDERAL (x\$1000)	LOOAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND GATEGORY & REMARKS
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		(24,000)	Q.Q.,DOOJ	0.0.000	(AQ COOQ)	(1000)	Crespool Cres		CAR ADDRESS	144,000	(10.000)	(2007)	(x4.000)	(x\$1000)	Q.Q.DOO,	(44.400)	(20.000)	(74.000)	(20.000)	
	COUNTY OF MAUI - FTA																				
1C36.	Bus and Bus Facility (Rural)	EQP	935	748	187	964	771	193	994	795	199	1,024	819	205	1,056	844	212	1,089	870	219	FTA SECTION 5339 (Bus and Bus Facilities Prgm)
ransit	Estimated Total Project Cost - \$6,062,000 Program funds will be utilized to	purchase com	munication, pas	ssenaer countin	a equipment and	d buses for trans	it operations														
IC42.		PLN	208	166	42		167	42	215	172	43	221	177	44	229	183	46	235	188		FTA SECTION 5305(d) Kahului (pop 50,000-199,000)
	Estimated Total Project Cost - \$1,317,256 Planning projects.																				, , , , , , , , , , , , , , , , , , , ,
C37.	Rural Transportation Program	OPR	1,000	500	500	1,050	525	525	1,080	540	540	1,112	556	556	1,146	573	573	1,180	590	590	FTA SECTION 5311(b)(3)
anon	Estimated Total Project Cost - \$6,568,000 Planning, capital, operating, job	access and re	verse commute	projects, and to	he acquisition of	public transpon	ation services.														
C38	Urbanized Area - Kahului	PLN/EQP/OPR	₹									2,082	1,041	1,041							FTA SECTION 5307 - Kahului (pop 50,000 - 199,999)
ansit	Estimated Total Project Cost - \$2,082,000 Provides grants to Urbanized A	eas for public	transportation of	capital, planning	i iob access and	reverse comm	ute projects, as w	ell as operating exper	nses in ce	rtain circumstand	es.										
C39.	Transportation Assistance for Elderly and Disabled	EQP	419	335	84	433	346	87	447	357	90	461	368	93	476	380	96	491	392	99	FTA SECTION 5310
ıman	, , , , , , , , , , , , , , , , , , , ,																				
	Estimated Total Project Cost - \$2,727,000 Enhanced Mobility of Seniors an	d Individuals v	vith Disabilities ((Section 5310 -	Non-Urban) Fur	l nds from prograi	n will be utilized fo	or the purchase of veh	hicles.												-
	MAUI : COUNTY OF MAUI - FTA TOTAL		2,562	1,749	813	2,656	1,809	847	2.736	1.864	872	4.900	2.961	1,939	2.907	1.980	927	2.995	2.040	955	

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #10 Processed

Revision Effective Date: June 13, 2017

Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM - FFY2015 (Oct.1, 14: 66p-30, 15): - FFY2046 (Oct.1, 16: Sep-30, 40): - FFY2046 (Oct.1 FUND GATEGORY & REMARKS PROJECT PHASE (x\$1000) (x\$1000) **FUNDING CATEGORY SUMMARY - MAUI** NHPP (National Highway Performance Program) 31,100 1.080 9.000 BRIDGE OFF-SYSTEM STP ENHANCEMENT/TAP 2,872 1,400 STP FLEXIBLE 12.958 54,158 3.943 7.520 12,395 36.447 SECTION 1404 - (Safe Routes to School) HSIP (Highway Safety Improvement Program) 126 3,713 1,134 359 359 359 359 CMAQ (Congestion Mitigation Air Quality) 0 0 0 0 0 FOURTY BONUS EARMARK - HIGH PRIORITY 0 0 0 0 0 EARMARK - SECTION 112 0 EARMARK - SECTION 115 EARMARK - SECTION 117 0 0 0 FLHD (Federal Lands Highway Discretionary) NRCS (National Resources Conservation Service) 0 0 DISCRETIONARY HIGHWAYS FOR LIFE 0 0 0 0 0 FTA TRANSFER FUNDS IMD (NHPP Discretionary) 0 FERRY BOAT DISCRETIONARY / ARRA FBD 0 SUBTOTAL 18,314 39,105 18,430 14,968 64,901 36,806 LESS DISCRETIONARY, DEMO ...ETC. PROJECTS 0 0 LESS FTA TRANSFER FUNDS REGULAR FORMULA AUTHORITY TOTAL 18,314 39,105 18,430 14,968 64,901 36,806

DEPARTMENT OF TRANSPORTATION STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

	Acy. OILLEIT	= SYSTEM PR	ESERVATION PUR	RPLE = SAF	ETY IMPROVI	EMENIS BRO	OWN = CONGE	STION MITIGATION PINK =	MODERNIZATION	ORANGE = ENH	ANCEMENT	BLUE = HU	JMAN SERVIC	ES TRANSPOR	RTATION PROC	RAM TURQ	UOISE = TRAN	SIT	
L	1::::::	FFY201	(Oct 1, 14 - 6ep 30,	15)	FFY2016	(Oct 1, 15 - Ser	30, 16)	FFY2017 (Oct-1, 16 - Se TOTAL FEDERAL (x\$1000) (x\$1000)	p 30, 17)	FFY2018 (Oct	, 17 - Sep 3	0, 18)	FFY2019	(Oct 1, 18 - Se	30, 19)	FFY2020 (Oct 1, 19 - Sep		
PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL LC (x\$1000) (x1	DCAL \$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL FEI	DERAL (1000)	LOCAL (x\$1000)	TOTAL (v\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	(x\$1000)	LOCAL (x\$1000)	FUND GATEGORY & REMARKS
, , , , , , , , , , , , , , , , , , , ,	TUAGE	1,41000)	(A) (BOO)	\$1000j	(AUTOOO)	(X41000)	(x4.000)	(x41000)	(X41000)	(201000)	1000)	(X4,100p)	(X41000)	(40,000)	(ΔΨ1400)	(241000)	(201000)	(x01000)	
KAUAI: STATE - FHWA																			
KS1. Bridge and Pavement Improvement Program, Kauai	CON	11.250	0	11.250	12.000	0	12,000	12,000 0	12,000	12,000	0	12,000	12,000	0	12,000	12,000	0	12 000	NHPP / STP FLEXIBLE
SysPres Kuhio Hwy Resurf., S Koolau Rd. to Kapuna Rd. MP 16.8 - MP 18.05	CON	3,750	-	750	12,000	0	12,000	12,000	12,000	12,000	Ü	12,000	12,000		12,000	12,000	,	12,000	WIII 7 OII TEEXIDEE
Estimated Total Project Cost - \$67,200,000System maintenance of highway	a <u>y bridges and p</u>																		
Yearly lump sum amounts represent total State Special Maintenance Progra											ive funded re	esurfacing and	pavement and	d bridge preserv	ation projects (System Preser	vation)		
The current list of prioritized proposed SMP projects has been posted on the KS2. Guardrail and Shoulder Improvements on State Highways, Kauai	311F Website a	a. http://nidot.na	awaii.gov/nignways/ot	mer/omer-re	iateu-iiriks/stip	i. Qualified and	priority sivir p	ojecis coula receive rederar iuri	as snould triey beco	irrie available.									STP FLEXIBLE
Safety Part 3	CON				1,020	816													(cost increase due to upgrading
Part 4	DES				100	0	100												guardrail end treatments to MASH
Part 5	CON PE1		$\overline{}$					2,600 2,080	520	50	0	50							standards, an AASHTO requirement) A.15
Fall 5	PE2									50	0	50	50	0	50				A.15
	CON												1,000	800	200				
Estimated Total Project Cost - \$3,300,000 - Improve guardrails and shoulde KS3. Kapule Highway / Rice Street / Waapa (Route 51) Road	ers at various loc ROW	cations.							+	850	680	170							NHPP
SysPres Improvements and Nawiliwili Bridge Replacement	CON									650	000	170				4,185	3,348	837	NIFF
																,			
Estimated Total Project Cost - \$5,440,000 Strengthen/widen existing Nawi	liwili Bridge. Im				ovements incl	uding new signir	ng and striping	and guardrails. Improve roadw	ay approach to the I	ridge.									
KS4. Kaumualii Highway (Route 50), Bridge Rehabilitation SysPres Bridge No. 7E	ROW CON	67	0	67	4.440	3,552	888												NHPP
5.13g6 110. FE	JOIN				4,440	3,332	000												
Estimated Total Project Cost - \$5,365,000 Repair/rehabilitate bridge 7E or																			
KS5. Kaumualii Highway (Route 50), Bridge Rehabilitation	ROW	105	0	105				<u> </u>	\vdash										STP FLEXIBLE
SysPres Hanapepe Bridge Phase 1 - Detour Road	CON	100	80	20	5,025	4,020	1,005												(cost estimate increase and federalize construction)
Phase 2 - Bridge work	CON				0,020	4,020	1,000	27,200 15,000	12,200										A.13 & A.15
Estimated Total Project Cost - \$35,000,000 Repair existing bridge substruKS6. Kaumualii Highway (Route 50), Bridge Replacement	ıcture, including	the initiation of	scour prevention mea	asures to im	prove bridge f	ootings. 2015 C	ON funds to pr	ocure a Construction Manageme	ent General Contrac	tor (CMGC) to prov	ide construct	tion related inp	ut as the design	gner prepares th	e designs.				STP FLEXIBLE
SysPres Omao Bridge	CON												7.800	6,240	1,560				STP FLEXIBLE
													.,	2,2.13	.,,555				
Estimated Total Project Cost - \$8,000,000 Rehabilitation of concrete T-gird	der bridge on Ka	aumualii Hwy in	the vicinity of Omao F	Road.															
KS7. Kaumualii Highway (Route 50) Improvements, Anonui St to Kipu Rd Modern Phase IB	CON ADVCON												0	0	0	0	0	0	NHPP
Wideli	ADVCON															U	U	U	(project to be indefinitely deferred in favor of system preservation and
Estimated Total Project Cost - \$22,000,000 Construction for widening of K	aumualii Highwa	ay, Anonui Stre	et to vicinity of Kipu R	Road, from tv	vo to four lane.	S.													operational improvements) A.5
KS8. Kuhio Highway (Route 56), Bridge Replacement	ROW	 '						0 0	0	840	672	168							NHPP
SysPres Kapaia Bridge	CON ADVCON	 '								11,150	0	11,150	0	8,920	(8,920)				(defer/inflate. Cat Ex is not scheduled to be approved until late FFY 17
Estimated Total Project Cost - \$13,000,000 Replacement of a multi-T bear		ncrete girder or	Kuhio Hwy in the vici	inity of Kapa	ia.								Ů	0,020	(0,020)				ROW activities to go in FFY 18) A.2
KS15. Kuhio Highway (Route 560), Bridge Rehabilitation	DES	2,100	1,680	420															STP FLEXIBLE
SysPres Wainiha Stream Bridges #1, #2, #3	ROW	100		100															
Phase 1 - Detour Road	CON	100	80	20															
					1.000	800	200		+										
Phase 2 - Bridge work	CON				1,000	800	200						22,750	18,200	4,550				
					,,,,,,								22,750	18,200	4,550				
Estimated Total Project Cost - \$25,300,000 Repair/rehabilitate existing bri	idges. 2015 CON	V funds to procu			,,,,,,			ction related input as the design	ner prepares the de	signs.	720	180	22,750	18,200	4,550				STP FI FXIRI F
		V funds to procu			,,,,,,			ction related input as the design	ner prepares the des	900 0	720 0	180	22,750	18,200	4,550				STP FLEXIBLE (project to be turned over to CFL.
Estimated Total Project Cost - \$25,300,000 - Repair/rehabilitate existing brii KS9. Kuhio Highway (Route 560), Bridge Rehabilitation SysPress Waioli, Waipa, and Waikoko Stream Bridges Phase 1 - Detour Road	idges. 2015 CON PE ROW CON	V funds to procu			,,,,,,			iction related input as the design	ner prepares the de	900 0	720 0	180	630	504	126				(project to be turned over to CFL. PE funds needed for CFL to complete
Estimated Total Project Cost - \$25,300,000 - Repair/rehabilitate existing brii KS9. Kuhio Highway (Route 560), Bridge Rehabilitation SysPres Waioli, Waipa, and Waikoko Stream Bridges	PE ROW CON CON	V funds to procu			,,,,,,			iction related input as the desig	ner prepares the de	900 0	720	180	22,750 630 9,000	18,200 504 2,200			5,000		(project to be turned over to CFL. PE funds needed for CFL to complete env. clearance.)
Estimated Total Project Cost - \$25,300,000 - Repair/rehabilitate existing brii KS9. Kuhio Highway (Route 560), Bridge Rehabilitation SysPress Waioli, Waipa, and Waikoko Stream Bridges Phase 1 - Detour Road	idges. 2015 CON PE ROW CON	V funds to procu			,,,,,,			iction related input as the desig	ner prepares the de	900 0	720	180	630	504	126	0	5,000		(project to be turned over to CFL. PE funds needed for CFL to complete
Estimated Total Project Cost - \$25,300,000 - Repair/rehabilitate existing brik KS9. Kuhio Highway (Route 560), Bridge Rehabilitation Waioli, Waipa, and Waikoko Stream Bridges Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$11,000,000 - Rehabilitate existing bridges. KS14. KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization,	ROW CON ADVCON	N funds to procu			,,,,,,			iction related input as the desig	ner prepares the de	900 0 13,000	720 0	180 0	630	504	126 6,800	0	5,000	(5,000)	(project to be turned over to CFL. PE funds needed for CFL to complete env. clearance.)
Estimated Total Project Cost - \$25,300,000 - Repair/rehabilitate existing brik KS9. Kuhio Highway (Route 560), Bridge Rehabilitation SysPres Waioli, Waipa, and Waikoko Stream Bridges Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$11,000,000 - Rehabilitate existing bridges.	ROW CON CON ADVCON	N funds to proci			,,,,,,			ction related input as the desig	ner prepares the de	900	0	0	630	504	126	0	5,000	(5,000)	(project to be turned over to CFL. PE funds needed for CFL to complete env. clearance.) A.9 and A.10
Estimated Total Project Cost - \$25,300,000 - Repair/rehabilitate existing brit KS9. Kuhio Highway (Route 560), Bridge Rehabilitation SysPres Waioli, Waipa, and Waikoko Stream Bridges Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$11,000,000 - Rehabilitate existing bridges. KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization, SysPres Kalihiwal Bridge	PE ROW CON ADVCON CON ADVCON		ure a Construction Mar	nagement G	ieneral Contra	ctor (CMGC) to	provide constru	action related input as the desig	ner prepares the de	900	0	0	9,000	504	126 6,800	0	5,000	(5,000)	(project to be turned over to CFL. PE funds needed for CFL to complete env. clearance.) A.9 and A.10
Estimated Total Project Cost - \$25,300,000 - Repair/rehabilitate existing brik KS9. Kuhio Highway (Route 560), Bridge Rehabilitation Waioli, Waipa, and Waikoko Stream Bridges Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$11,000,000 - Rehabilitate existing bridges. KS14. KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization,	PE ROW CON ADVCON CON ADVCON		ure a Construction Mai	nagement G	ieneral Contra	ctor (CMGC) to	provide constru	iction related input as the desig	ner prepares the de	900	0	0	9,000	504	126 6,800	0	5,000	(5,000)	(project to be turned over to CFL. PE funds needed for CFL to complete env. clearance.) A.9 and A.10
Estimated Total Project Cost - \$25,300,000 - Repair/rehabilitate existing brik KS9. Kuhio Highway (Route 560), Bridge Rehabilitation SysPres Waioli, Waipa, and Walkoko Stream Bridges Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$11,000,000 - Rehabilitate existing bridges. KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization, SysPres Kalihiwal Bridge Estimated Total Project Cost - \$15,000,000 - Slope stabilization including cle KS11. Kuhio Highway (Route 56), Malihiuna Road Intersection Improvements Safety and Kapaa Stream Bridge Rehabilitation	idges. 2015 CON PE ROW CON CON ADVCON CON ADVCON ADVCON ROW ROW ROW ROW ROW	noving loose roo	ure a Construction Mai	nagement C	General Contra	ctor (CMGC) to	provide constru	iction related input as the desig	ner prepares the de	900	0	0	9,000	504	126 6,800	0	5,000	(5,000)	(project to be turned over to CFL. PE funds needed for CFL to complete env. clearance.) A.9 and A.10 STP FLEXIBLE
Estimated Total Project Cost - \$25,300,000 Repair/rehabilitate existing brik KS9. Kuhio Highway (Route 560), Bridge Rehabilitation Waioli, Waipa, and Waikoko Stream Bridges Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$11,000,000 Rehabilitate existing bridges. KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization, SysPres Kalihiwai Bridge Estimated Total Project Cost - \$15,000,000 - Slope stabilization including cle KS11. Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation Phase 1 - Detour Road	dges. 2015 CON PE ROW CON CON ADVCON ADVCON ADVCON ROW CON CON CON ADVCON CON CON CON CON CON CON CON CON CON	noving loose roo	ure a Construction Mai	nagement C	ieneral Contra	ctor (CMGC) to	provide constru	iction related input as the desig	ner prepares the de	900	0	0	9,000	504 2,200 7,400	126 6,800 (7,400)	0	5,000	(5,000)	(project to be turned over to CFL. PE funds needed for CFL to complete env. clearance.) A.9 and A.10 STP FLEXIBLE
Estimated Total Project Cost - \$25,300,000 Repair/rehabilitate existing bricks9. Kuhio Highway (Route 560), Bridge Rehabilitation Waloli, Waipa, and Walkoko Stream Bridges Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$11,000,000 Rehabilitate existing bridges. K\$14. Kuhio Highway (Route 56) Emergency Slope Stabilization, SysPres Kalihiwai Bridge Estimated Total Project Cost - \$15,000,000 - Slope stabilization including cle K\$11. Kuhio Highway (Route 56), Malilhuna Road Intersection Improvements Safety and Kapaa Stream Bridge Rehabilitation	idges 2015 CON PE ROW CON ADVCON ADVCON ADVCON ADVCON CON ADVCON CON ADVCON CON CON CON CON CON CON CON CON	noving loose roo	ure a Construction Mai	nagement C	General Contra	ctor (CMGC) to	provide constru	ction related input as the desig	ner prepares the de	900	0	0	9,000 0 3,425	504	126 6,800	0	5,000	(5,000)	(project to be turned over to CFL. PE funds needed for CFL to complete env. clearance.) A.9 and A.10 STP FLEXIBLE NHPP
Estimated Total Project Cost - \$25,300,000 - Repair/rehabilitate existing brik KS9. Kuhio Highway (Route 560), Bridge Rehabilitation SysPcPs hase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$11,000,000 - Rehabilitate existing bridges. KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization, SysPres Estimated Total Project Cost - \$15,000,000 - Slope stabilization including clic KS11. Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation Phase 2 - Bridge work	lodges. 2015 CON PE ROW CON CON ADVCON CON ADVCON CON ADVCON CON CON CON CON CON CON CON CON CON	noving loose roc	ure a Construction Man	chors and in	Seneral Contra	ctor (CMGC) to	provide constru			13,000	3,000	10,000	9,000	7,400 2,740	126 6,800 (7,400)	0	5,000	(5,000)	(project to be turned over to CFL. PE funds needed for CFL to complete env. clearance.) A.9 and A.10 STP FLEXIBLE
Estimated Total Project Cost - \$25,300,000 Repair/rehabilitate existing bricks9. Kuhio Highway (Route 560), Bridge Rehabilitation Waloli, Walpa, and Walkoko Stream Bridges Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$11,000,000 Rehabilitate existing bridges. KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization, SysPres Kalihiwal Bridge Estimated Total Project Cost - \$15,000,000 - Slope stabilization including cle KS11. Kuhio Highway (Route 56), Malilhuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$16,500,000 Safety improvements at Mailhin	dges. 2015 CON PE ROW CON CON ADVCON CON ADVCON ROW CON CON ADVCON CON CON CON CON CON CON CON CON CON	noving loose roc	ure a Construction Man	chors and in	Seneral Contra	ing for motorists 1,976 wider shoulders	provide constru	is and bicycles. The bridge will b		13,000	3,000	10,000	9,000 0 3,425	7,400 2,740	126 6,800 (7,400)	0	5,000	(5,000)	(project to be turned over to CFL. PE funds needed for CFL to complete env. clearance.) A.9 and A.10 STP FLEXIBLE NHPP RE-PURPOSED EARMARKS
Estimated Total Project Cost - \$25,300,000 Repair/rehabilitate existing brik KS9. Kuhio Highway (Route 560), Bridge Rehabilitation SysPros Waioli, Waipa, and Walkoko Stream Bridges Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$11,000,000 Rehabilitate existing bridges. KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization, SysPros Kalihiwai Bridge Estimated Total Project Cost - \$15,000,000 Slope stabilization including cle KS11. Kuhio Highway (Route 56), Malithuna Road Intersection Improvements Safety Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$16,500,000 Safety improvements at Mailih KS12. Kuhio Highway (Route 56)	Idges. 2015 CON PE ROW CON CON ADVCON ADVCON CON ADVCON CON CON CON CON CON CON CON CON CON	noving loose roc	ure a Construction Man	chors and in	Seneral Contra	ing for motorists 1,976 wider shoulders	provide constru	is and bicycles. The bridge will b		900 0 13,000	3,000	10,000 10,000	9,000 0 3,425	7,400 2,740	126 6,800 (7,400)	0	5,000	(5,000)	(project to be turned over to CFL. PE funds needed for CFL to complete env. clearance.) A.9 and A.10 STP FLEXIBLE NHPP
Estimated Total Project Cost - \$25,300,000 - Repair/rehabilitate existing brik KS9. Kuhio Highway (Route 560), Bridge Rehabilitation SysPress Waioli, Waipa, and Waikoko Stream Bridges Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$11,000,000 - Rehabilitate existing bridges. KS11. Kuhio Highway (Route 56) Emergency Slope Stabilization, SysPress Kalihiwal Bridge Estimated Total Project Cost - \$15,000,000 - Slope stabilization including cle KS11. Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$16,500,000 - Safety improvements at Mailihi	dges. 2015 CON PE ROW CON CON ADVCON CON ADVCON ROW CON CON ADVCON CON CON CON CON CON CON CON CON CON	noving loose roc	ure a Construction Man	chors and in	Seneral Contra	ing for motorists 1,976 wider shoulders	provide constru	is and bicycles. The bridge will b		13,000	3,000	10,000	9,000 0 3,425	7,400 2,740	126 6,800 (7,400)	0	5,000	(5,000)	(project to be turned over to CFL. PE funds needed for CFL to complete env. clearance.) A.9 and A.10 STP FLEXIBLE NHPP RE-PURPOSED EARMARKS
Estimated Total Project Cost - \$25,300,000 - Repair/rehabilitate existing bricks9. KS9. Kuhio Highway (Route 560), Bridge Rehabilitation SysPres Waioli, Waipa, and Walkoko Stream Bridges Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$11,000,000 - Rehabilitate existing bridges. KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization, SysPres Estimated Total Project Cost - \$15,000,000 - Slope stabilization including cle KS11. Kuhio Highway (Route 56), Malihiuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation Phase 2 - Bridge work Estimated Total Project Cost - \$16,500,000 - Safety improvements at Malihi KS12. Kuhio Highway (Route 56) Safety Safety Improvements, MP 21.4 - 27.1 Estimated Total Project Cost - \$1,200,000 - Scope includes but not limited it	Idges. 2015 CON PE ROW CON CON ADVCON ADVCON CON ADVCON CON CON CON CON CON CON CON CON CON	moving loose roc 120 section and Kap	cks, installing rock and 0	chors and in 120	istalling shieldi 2,470 2,470 120 120 120 120 120 120 120 120 120 12	ing for motorists 1,976 wider shoulders 96 ion assessment	provide construi	is and bicycles. The bridge will be agreent along with pevernent ma	be strengthened to a	900 0 13,000 13,000	3,000 3,000 ant day vehici	10,000 10,000 ular modes.	9,000 0 0 3,425 9,375	2,200 7,400 2,740 7,500	126 6,800 (7,400) (7,400) 685 1,875	0		(5,000)	(project to be turned over to CFL. PE funds needed for CFL to complete env. clearance.) A.9 and A.10 STP FLEXIBLE NHPP RE-PURPOSED EARMARKS HSIP
Estimated Total Project Cost - \$25,300,000 - Repair/rehabilitate existing bricks9. KS9. Kuhio Highway (Route 560), Bridge Rehabilitation SysPress Waloli, Waipa, and Walkoko Stream Bridges Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$11,000,000 - Rehabilitate existing bridges. KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization, SysPress Kalihiwal Bridge Estimated Total Project Cost - \$15,000,000 - Slope stabilization including cle KS11. Kuhio Highway (Route 56), Mallihuna Road Intersection Improvements Safety and Kapaa Stream Bridge Rehabilitation Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$16,500,000 - Safety improvements at Mallih KS12. Kuhio Highway (Route 56) Safety Safety Improvements, MP 21.4 - 27.1	diges. 2015 CON PE ROW CON CON ADVCON ADVCON ROW CON CON ADVCON Bearing trees, rem CON	moving loose roc 120 section and Kap	cks, installing rock and 0	chors and in 120	sstalling shieldi 2,470 trail upgrades,	ing for motorists 1,976 wider shoulders 96 ion assessment	provide construi	is and bicycles. The bridge will b	be strengthened to a	900 0 13,000	3,000	10,000 10,000	9,000 0 3,425	2,200 7,400 2,740 7,500	126 6,800 (7,400)	0		(5,000)	(project to be turned over to CFL. PE funds needed for CFL to complete env. clearance.) A.9 and A.10 STP FLEXIBLE NHPP RE-PURPOSED EARMARKS HSIP NATIONAL RECREATIONAL
Estimated Total Project Cost - \$25,300,000 - Repair/rehabilitate existing bricks9. KS9. Kuhio Highway (Route 560), Bridge Rehabilitation SysPress Waloli, Waipa, and Waikoko Stream Bridges Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$11,000,000 - Rehabilitate existing bridges. KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization, SysPress Kallihiwal Bridge Estimated Total Project Cost - \$15,000,000 - Slope stabilization including cle KS11. Kuhio Highway (Route 56), Malilihura Road Intersection Improvements Safety and Kapaa Stream Bridge Rehabilitation Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$16,500,000 - Safety improvements at Mailih KS12. Kuhio Highway (Route 56) Safety Safety Improvements, MP 21.4 - 27.1 Estimated Total Project Cost - \$1,200,000 - Scope includes but not limited to Richard Contains and Recreational Trails Program - Kauai (DLNR) Enhance Enhance	Idges. 2015 CON PE ROW CON CON ADVCON ADVCON ADVCON ROW CON	moving loose roc 120 120 section and Kap	cks, installing rock and 0 0 aa Stream Bridge incl	chors and in 120 sluding guard	istalling shield 2,470 2,470 120 . Super elevat	ing for motorists 1,976 wider shoulders 96 ion assessment 251	provide construi	is and bicycles. The bridge will begrent along with pavement me 314 251	be strengthened to a	900 0 13,000 13,000	3,000 3,000 ant day vehici	10,000 10,000 ular modes.	9,000 0 0 3,425 9,375	2,200 7,400 2,740 7,500	126 6,800 (7,400) (7,400) 685 1,875	0.		(5,000)	(project to be turned over to CFL. PE funds needed for CFL to complete env. clearance.) A.9 and A.10 STP FLEXIBLE NHPP RE-PURPOSED EARMARKS HSIP
Estimated Total Project Cost - \$25,300,000 - Repair/rehabilitate existing brid KS9. Kuhio Highway (Route 560), Bridge Rehabilitation SysPtes Waioli, Waipa, and Walkoko Stream Bridges Phase 1 - Detour Road Phase 2 - Bridge work Estimated Total Project Cost - \$11,000,000 - Rehabilitate existing bridges. KS14. Kuhio Highway (Route 56) Emergency Slope Stabilization, SysPtes Kallihwai Bridge Estimated Total Project Cost - \$15,000,000 - Slope stabilization including cle KS11. Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation Phase 2 - Bridge work Estimated Total Project Cost - \$16,500,000 - Safety improvements at Mailih KS12. Kuhio Highway (Route 56) Safety Safety Improvements, MP 21.4 - 27.1 Estimated Total Project Cost - \$1,200,000 - Scope includes but not limited it	Idges. 2015 CON PE ROW CON CON ADVCON ADVCON ADVCON ROW CON	moving loose roc 120 120 section and Kap	cks, installing rock and 0 aa Stream Bridge incl strips on centerline an 251	chors and in 120 sluding guard	istalling shield 2,470 2,470 120 . Super elevat	ing for motorists 1,976 wider shoulders 96 ion assessment 251	provide construi	is and bicycles. The bridge will begrent along with pavement me 314 251	be strengthened to a arkings and signing. 63 auai program.	900 0 13,000 13,000	3,000 3,000 ant day vehici	10,000 10,000 ular modes.	9,000 0 0 3,425 9,375	2,200 7,400 2,740 7,500	126 6,800 (7,400) (7,400) 685 1,875	314		(5,000)	(project to be turned over to CFL. PE funds needed for CFL to complete env. clearance.) A.9 and A.10 STP FLEXIBLE NHPP RE-PURPOSED EARMARKS HSIP NATIONAL RECREATIONAL

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #10 Processed

	100000				FFY2016 (Oct 1, 15 - 5		FFY2017			FY2018 (Oct 1, 17 - S			Oct 1, 18 - Sep			Oct 1, 19 - Sep 30, 20)	
PROJECT.	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)		TOTAL FEDERAL (x\$1000) (x\$1000)			FEDERAL (x\$1000)		AL FEDERAL 000) (x\$1000)				LOGAL (x\$1000)		FEDERAL LOCAL (x\$1000) (x\$1000)	
COUNTY OF KAUAI - FHWA			-			1											
Bridge Inspection and Appraisal	OPR				125 10	0 25				125 10	25				125	100 2	STP FLEXIBLE
Estimated Total Project Cost - \$375,000 Inspection of various bridges through	ughout the Cou	ınty. FHWA Re	quirement. This is	a regularly sch	neduled program.												
Hanapepe Road (Rte 545) Resurfacing	CON					\perp				3,000 2,400	600						STP FLEXIBLE
Estimated Total Project Cost - \$3,200,000 Resurface the entire length (540)					nology will be used on this pro	ject whenever ne	ecessary to match	h existing adja	ent facilities.								
Kapahi Bridge Replacement	CON	2,000		400		+											STP FLEXIBLE
Estimated Total Project Cost - \$2,500,000 Repair or rehabilitate and streng						s, and concrete of	deck; installation of	of a new bridge	rails; and restoration of	existing steel truss me	mbers.						
Kawaihau Road (Route 5860), Hauaala Road (Route 5865)	PLN	100		20													STP FLEXIBLE
Mailihuna Road (Route 5870), Complete Street & Safety Improvements	DES CON	275	220	55						0 (0	3,183	2,546	637			(defer/inflate for financial constru A.10
Estimated Total Project Cost - \$3,435,000 Construction of roundabouts at I	Hauaala Rd (Ro	oute 5865)/Kai	waihau Rd (Route	5860)/Mailihun	a Rd (Route 5870) Intersection	n; Sidewalk and	pedestrian crossi	ing improveme	nts on Kawaihau Rd (Rou	te 5860); Sidewalk co	nstruction on Hau	aala Rd (Route 5	5865) in the vic	inity of Saint Cat	herine School;		
Roundabout at Kawaihau Rd (Route 5860)/Nunu Rd intersection; Sidewalk co	onstruction on I	Mailihuna Rd (Route 5870); Bus :	stop shelters o	n Kawaihau Rd (Route 5860)		ļ				1						
Lihue-Anahola Coastal Bike Path Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path																	STP ENHANCEMENT
Phase A-1, Kawaihau Elevated Boardwalk, Kawaihau Road to					0.050												
Gore Park	CON		+		2,250 2,25) 0	400	400	0		-						_
Phase C & D	PE2		+				400										-
	CON		+			+	500	500	0	1,591 1,591	0						_
A shared-use path for pedestrians, bicyclists, and other users from Papaloa I		kawawa Canal	a distance of app	roximately 1.2	miles . The bike/pedestrian p	ath will be 10 to	12 feet wide and a	allow movemer	t in both directions.	1,551 1,551	0						
Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path	Toda to cholona	awawa canan	a dictarios or appr	roximatory 1.2	mileo : The binerpedecinan p	THE POST OFF	2 look mad and a	I I I I I I I I I I I I I I I I I I I	in both directions.								
Phase A - Ahukini Landing to Hanamaulu Beach Park	PE2 CON											1,167	1,167	0	7,727	7,727	0
Phase B - Hanamaulu Beach Park to Wailua Golf Course	PE1											831	831	0	.,	.,, =,	-
	ROW														4,162	4,162	0
The 10' to 12' wide 6' thick 5.3 mile concrete path from Ahukini Pt., connecting	ng with an existi	ing path at Lyd	lgate Park. A futur	re phase C will	go from Wailua Golf Course	o Lydgate Park a	and cost \$9.5 mill:	lion.									
Phase VI - Nāwiliwili to Ahukini Bike/Pedestrian Path																	
Phase A - Ninini Point to Ahukini	PE2											1,907	1,907	0			
	ROW					4									420	420	0
	CON																
Phase B - Ninini Point to Nawiliwili Beach Park Path development will consist of a 10 to 12-foot wide concrete shared-use co	PE2 pastal path cons	structed of vari	ious low-maintena	nce materials.	Bike lane and sidewalk impro	vements to exist	ing and planned s	street corridors	will provide additional co	nnectivity through urb	an areas.	1,020	1,020	0			
	stal Bike Path.	, a shared use 🗈															
Estimated Total Project Cost - \$50,500,000 Complete Lihue - Anahola Coa			paur.														TIGER (2015)
Estimated Total Project Cost - \$50,500,000 Complete Lihue - Anahola Coa Lihue Town Core Mobility and Revitalization	PE1		paur.		1,091 95	3 138		40.000	4.000								
			paul.		1,091 95	3 138	14,724	12,862	1,862								
Lihue Town Core Mobility and Revitalization	PE1 PE2/CON			ootsoono impro			14,724			nonto: El Civio Conto	to Convention Ho	II shared use no	th: 6) Civio Cor	stor Transit Son	icos: and 7) Pu	unala and Malan Stroots hi	invelo houlovard
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street t	PE1 PE2/CON to a transit hub;			etscape impro			14,724			nents; 5) Civic Center	to Convention Ha	Il shared use pa	th; 6) Civic Cer	nter Transit Servi	ices; and 7) Pu	laole and Malae Streets bid	
Lihue Town Core Mobility and Revitalization	PE1 PE2/CON			eetscape impro			14,724			nents; 5) Civic Center	to Convention Ha	Il shared use pa	th; 6) Civic Cer	nter Transit Servi	ices; and 7) Pu	aole and Malae Streets bid	icycle boulevard. STP FLEXIBLE (defer project to beyond 2020
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to Northerly Leg of the Western Bypass Road	PE1 PE2/CON to a transit hub;			eetscape impro			14,724			nents; 5) Civic Center	to Convention Ha	Il shared use par	th; 6) Civic Cer	nter Transit Servi	ices; and 7) Pu	aole and Malae Streets bio	STP FLEXIBLE
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to Northerly Leg of the Western Bypass Road	PE1 PE2/CON to a transit hub; PE2	; 2) Rice Street	t road diet and stre		vements; 3) Sidewalks on Ho	ala and Kalena S	14,724 Streets; 4) Hoolako	o Street bicycle	e and pedestrian improver			0	0	nter Transit Servi	ices; and 7) Pu	aole and Malae Streets bii	STP FLEXIBLE (defer project to beyond 2020
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522))	PE1 PE2/CON to a transit hub; PE2	; 2) Rice Street	t road diet and stre		vements; 3) Sidewalks on Ho	ala and Kalena S	14,724 Streets; 4) Hoolako	o Street bicycle	e and pedestrian improver			0	0	nter Transit Servi	ices; and 7) Pu	iaole and Malae Streets bii	STP FLEXIBLE (defer project to beyond 2020 re-prioritization to system
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) Estimated Total Project Cost - \$22,500,000 Construct new 4 lane roadway Opaekaa Bridge Rehabilitation	PE1 PE2/CON to a transit hub; PE2 with 12' lanes a CON	; 2) Rice Street and 6' shoulder	t road diet and stree	gins at Koloa R	vements; 3) Sidewalks on Ho oad and the completed section	ala and Kalena S	14,724 Streets; 4) Hoolako	o Street bicycle section, headin 2,800	and pedestrian improver	g to Maluhia Road at	the intersection of	0	0	o 0	ices; and 7) Pu	iaole and Malae Streets bii	STP FLEXIBLE (defer project to beyond 2020 re-prioritization to system preservation) A.5
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) Estimated Total Project Cost - \$22,500,000 Construct new 4 lane roadway Opaekaa Bridge Rehabilitation Estimated Total Project Cost - \$3,500,000 Repair or rehabilitate and streng	PE1 PE2/CON to a transit hub; PE2 with 12' lanes a CON gthen the existin	; 2) Rice Street and 6' shoulder ing Opaekaa Str	t road diet and stre	gins at Koloa R	vements; 3) Sidewalks on Ho oad and the completed section	ala and Kalena S	14,724 Streets; 4) Hoolako	o Street bicycle section, headin 2,800	and pedestrian improver	g to Maluhia Road at	the intersection of	0	0	o o	ices; and 7) Pu	iaole and Malae Streets bii	STP FLEXIBLE (defer project to beyond 2020 re-prioritization to system preservation) A.5 STP FLEXIBLE
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) Estimated Total Project Cost - \$22,500,000 Construct new 4 lane roadway Opaekaa Bridge Rehabilitation	PE1 PE2/CON to a transit hub; PE2 with 12' lanes a CON gthen the existin	and 6' shoulder	t road diet and streens. The project beg	gins at Koloa R onstruction of n 20	vements; 3) Sidewalks on Ho oad and the completed section ew concrete abutments, conc	ala and Kalena S	14,724 Streets; 4) Hoolako	o Street bicycle section, headin 2,800	and pedestrian improver	g to Maluhia Road at	the intersection of	0	0	nter Transit Servi	ices; and 7) Pu	vaole and Malae Streets bii	STP FLEXIBLE (defer project to beyond 2020 re-prioritization to system preservation) A.5 STP FLEXIBLE STP FLEXIBLE
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) Estimated Total Project Cost - \$22,500,000 Construct new 4 lane roadway Opaekaa Bridge Rehabilitation Sestimated Total Project Cost - \$3,500,000 Repair or rehabilitate and streng Poipu Road (Route 520) Multimodal Improvements	PE1 PE2/CON to a transit hub; PE2 with 12' lanes a CON gthen the existin PEN DES	; 2) Rice Street and 6' shoulder ing Opaekaa Str	t road diet and streens. The project beg	gins at Koloa R	vements; 3) Sidewalks on Ho oad and the completed section ew concrete abutments, conc	ala and Kalena S	14,724 Streets; 4) Hoolako anikaumaka inters 3,500	o Street bicycle section, headin 2,800	and pedestrian improver	g to Maluhia Road at	the intersection of	Maluhia and Ala	0 a Kinoike.	0	ices; and 7) Pu	iaole and Malae Streets bii	STP FLEXIBLE (defer project to beyond 2020 re-prioritization to system preservation) A.5 STP FLEXIBLE STP FLEXIBLE (defer/inflate. No contract with
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) Estimated Total Project Cost - \$22,500,000 Construct new 4 Jane roadway. Opaekaa Bridge Rehabilitation Estimated Total Project Cost - \$3,500,000 Repair or rehabilitate and streng Poipu Road (Route 520) Multimodal Improvements Phase 1 - Lawai Road to Keleka Road	PE1 PE2/CON to a transit hub; PE2 with 12' lanes a CON gthen the existin PLN DES CON	and 6' shoulder	t road diet and streens. The project beg	gins at Koloa R onstruction of n 20	vements; 3) Sidewalks on Ho oad and the completed section ew concrete abutments, conc	ala and Kalena S	14,724 Streets; 4) Hoolako anikaumaka inters 3,500	o Street bicycle section, headin 2,800	and pedestrian improver	g to Maluhia Road at	the intersection of	0	0	1,020			STP FLEXIBLE (defer project to beyond 2020 re-prioritization to system preservation) A.5 STP FLEXIBLE STP FLEXIBLE (defer/inflate. No contract with selected consultant yet.) A.10
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) Estimated Total Project Cost - \$22,500,000 Construct new 4 lane roadway Opaekaa Bridge Rehabilitation Estimated Total Project Cost - \$3,500,000 Repair or rehabilitate and streng Poipu Road (Route 520) Multimodal Improvements Phase 1 - Lawai Road to Keleka Road Phase 2 - Koloa Road to Lawai Road	PE1 PE2/CON to a transit hub; PE2 with 12' lanes a CON gthen the existin PLN DES CON CON	and 6' shoulder ing Opaekaa Sti 100 400	troad diet and stre	onstruction of n 20 80	vements; 3) Sidewelks on Ho oad and the completed sectit ew concrete abutments, cond	on of the Ala Kala	14,724 Streets; 4) Hoolako anikaumaka inters 3,500 concrete deck; in	o Street bicycle section, headin 2,800	g northeast and connecting 700 new bridge rails; and reste	g to Maluhia Road at oration of existing stee	the intersection of	Maluhia and Ala	4,080 0	0	dices; and 7) Pu	vaole and Malae Streets bii	STP FLEXIBLE (defer project to beyond 2020 re-prioritization to system preservation) A.5 STP FLEXIBLE STP FLEXIBLE (defer/inflate. No contract with selected consultant yet.) A.10
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) Estimated Total Project Cost - \$22,500,000 Construct new 4 lane roadway Opaekaa Bridge Rehabilitation Estimated Total Project Cost - \$3,500,000 Repair or rehabilitate and streng Poipu Road (Route 520) Multimodal Improvements Phase 1 - Lawai Road to Keleka Road Phase 2 - Koloa Road to Lawai Road Estimated Total Project Cost - \$9,500,000 Construction of sidewalks and b Estimated Total Project Cost - \$9,500,000 Construction of sidewalks and b	PE1 PE2/CON to a transit hub; PE2 with 12' lanes a CON gthen the existin PLN DES CON CON	and 6' shoulder ing Opaekaa Sti 100 400	troad diet and stre	onstruction of n 20 80	vements; 3) Sidewelks on Ho oad and the completed sectit ew concrete abutments, cond	on of the Ala Kala	14,724 Streets; 4) Hoolako anikaumaka inters 3,500 concrete deck; in	o Street bicycle section, headin 2,800	g northeast and connecting 700 new bridge rails; and reste	g to Maluhia Road at oration of existing stee	the intersection of	Maluhia and Ala	4,080 0	1,020			STP FLEXIBLE (defer project to beyond 2020 re-prioritization to system preservation) A.5 STP FLEXIBLE STP FLEXIBLE (defer/inflate. No contract with selected consultant yet.) A.10
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) Estimated Total Project Cost - \$22,500,000 Construct new 4 lane roadway Opaekaa Bridge Rehabilitation Estimated Total Project Cost - \$3,500,000 Repair or rehabilitate and streng Poipu Road (Route 520) Multimodal Improvements Phase 1 - Lawai Road to Keleka Road Phase 2 - Koloa Road to Lawai Road Estimated Total Project Cost - \$9,500,000 Construction of sidewalks and b Publi Road (Route 5010) Rehabilitation	PE1 PE2/CON to a transit hub; PE2 with 12' lanes a CON then the existin PLN DES CON CON ike lanes; Inters	and 6' shoulder and 6' shoulder ing Opaekaa St 100 400 rsection and per	troad diet and stree ars. The project beg tream Bridge by co 80 320 adestrian crossing i	onstruction of n 20 80 improvements,	vements; 3) Sidewelks on Ho oad and the completed sectit ew concrete abutments, cond	on of the Ala Kala	14,724 Streets; 4) Hoolako anikaumaka inters 3,500 concrete deck; in	o Street bicycle section, headin 2,800	g northeast and connecting 700 new bridge rails; and reste	g to Maluhia Road at oration of existing stee	the intersection of	Maluhia and Ala	4,080 0	1,020			STP FLEXIBLE (defer project to beyond 2020 re-prioritization to system preservation) A.5 STP FLEXIBLE STP FLEXIBLE (defer/inflate. No contract with selected consultant yet.) A.10 STP FLEXIBLE
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to Northenty Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) Estimated Total Project Cost - \$22,500,000 Construct new 4 Jane roadway Opaekaa Bridge Rehabilitation Estimated Total Project Cost - \$3,500,000 Repair or rehabilitate and streng Poipu Road (Route 520) Multimodal Improvements Phase 1 - Lawai Road to Keleka Road Phase 2 - Koloa Road to Lawai Road Estimated Total Project Cost - \$9,500,000 Construction of sidewalks and b Puhi Road (Route 5010) Rehabilitation Phase 1 - Kaumualii Highway(RTE 50) Kaneka St. (MP 0.00 to 0.35)	PE1 PE2/CON to a transit hub; PE2 with 12' lanes a CON gthen the existin PLN DES CON CON con ike lanes; Inters	and 6' shoulder and 6' shoulder ing Opaekaa Sti 100 400 ssection and per	troad diet and streins. The project beg tream Bridge by co 80 320 destrian crossing in 2,640	gins at Koloa R construction of n 20 80 improvements,	vements; 3) Sidewelks on Ho oad and the completed sectit ew concrete abutments, cond	on of the Ala Kala	14,724 Streets; 4) Hoolako anikaumaka inters 3,500 concrete deck; in	o Street bicycle section, headin 2,800	g northeast and connecting 700 new bridge rails; and reste	g to Maluhia Road at oration of existing stee	the intersection of	Maluhia and Ala	4,080 0	1,020		3,264 81	STP FLEXIBLE (defer project to beyond 2020 re-prioritization to system preservation) A.5 STP FLEXIBLE STP FLEXIBLE (defer/inflate. No contract with selected consultant yet.) A.10 STP FLEXIBLE (defer/inflate. No Sect. 106 clet
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) Estimated Total Project Cost - \$22,500,000 Construct new 4 lane roadway Opaekaa Bridge Rehabilitation Estimated Total Project Cost - \$3,500,000 Repair or rehabilitate and streng Poipu Road (Route 520) Multimodal Improvements Phase 1 - Lawai Road to Keleka Road Phase 2 - Koloa Road to Lawai Road Estimated Total Project Cost - \$9,500,000 Construction of sidewalks and b Publi Road (Route 5010) Rehabilitation	PE1 PE2/CON to a transit hub; PE2 with 12' lanes a CON then the existin PLN DES CON CON ike lanes; Inters	and 6' shoulder and 6' shoulder ing Opaekaa St 100 400 rsection and per	troad diet and streins. The project beg tream Bridge by co 80 320 destrian crossing in 2,640	onstruction of n 20 80 improvements,	vements; 3) Sidewelks on Ho oad and the completed sectit ew concrete abutments, cond	on of the Ala Kala	14,724 Streets; 4) Hoolako anikaumaka inters 3,500 concrete deck; in	o Street bicycle section, headin 2,800	g northeast and connecting 700 new bridge rails; and reste	g to Maluhia Road at oration of existing stee	the intersection of	Maluhia and Ala	4,080 0	1,020		3,264 81	STP FLEXIBLE (defer project to beyond 2020 re-prioritization to system preservation) A.5 STP FLEXIBLE STP FLEXIBLE (defer/inflate. No contract with selected consultant yet.) A.10 STP FLEXIBLE (defer/inflate. No Sect. 106 clet
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street the Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) Estimated Total Project Cost - \$22,500,000 Construct new 4 lane roadway Opaekaa Bridge Rehabilitation Estimated Total Project Cost - \$3,500,000 Repair or rehabilitate and streng Poipu Road (Route 520) Multimodal Improvements Phase 1 - Lawai Road to Keleka Road Phase 2 - Koloa Road to Lawai Road Estimated Total Project Cost - \$9,500,000 Construction of sidewalks and be publi Road (Route 5010) Rehabilitation Phase 1 - Kaumuali Highway(RTE 50) Kaneka St. (MP 0.00 to 0.35) Phase 2 - Kaneka Street to S. Haleukana Street (MP 0.35 to 0.80)	PE1 PE2/CON to a transit hub; PE2 with 12' lanes a CON ghen the existin PLN DES CON CON ON CON DES CON DES CON	and 6' shoulder ing Opaekaa Sti 100 400 section and per 3,300 250	troad diet and stree brs. The project beg tream Bridge by co 80 320 200 2,640 200	onstruction of n 20 80 improvements, 660 50	oad and the completed section ew concrete abutments, conc Construction of a roundabou	on of the Ala Kala crete planks, and	14,724 Streets; 4) Hoolake anikaumaka inters 3,500 concrete deck; in	section, headin 2,800 astallation of a section and Ali	g northeast and connecting northeast and connecting northeast and connecting northeast and rester a kinoiki; Construction of the construction of t	g to Maluhia Road at pration of existing stee 0 (ous stop shelters; Cou	the intersection of truss members. 0 struction of media	Maluhia and Ala 5,100 0 ns and landscap	4,080 o o o o o o o o o o o o o o o o o o	1,020	4,080	3,264 81	STP FLEXIBLE (defer project to beyond 2020 re-prioritization to system preservation) A.5 STP FLEXIBLE (defer/inflate. No contract with selected consultant yet.) A.10 6 STP FLEXIBLE (defer/inflate. No Sect. 106 clea did not meet 5/31 PS&E deadlir A.2
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) Estimated Total Project Cost - \$22,500,000 Construct new 4 lane roadway Opaekaa Bridge Rehabilitation Estimated Total Project Cost - \$25,000,000 Repair or rehabilitate and streng Poipu Road (Route 520) Multimodal Improvements Phase 1 - Lawai Road to Keleka Road Phase 2 - Koloa Road to Lawai Road Estimated Total Project Cost - \$9,500,000 Construction of sidewalks and b Puhi Road (Route 5010) Rehabilitation Phase 1 - Kaumualii Highway(RTE 50) Kaneka St. (MP 0.00 to 0.35) Phase 2 - Kaneka Street to S. Haleukana Street (MP 0.35 to 0.80) Estimated Total Project Cost - \$7,100,000 Rehabilitate Puhi Road. Phase	PE1 PE2/CON to a transit hub; PE2 with 12' lanes a CON gthen the existin PLN CON CON con ike lanes; Inters CON DES CON To No C	and 6' shoulder ing Opaekaa Sti 100 400 section and per 3,300 250	troad diet and stree brs. The project beg tream Bridge by co 80 320 200 2,640 200	onstruction of n 20 80 improvements, 660 50	oad and the completed section ew concrete abutments, conc Construction of a roundabou	on of the Ala Kala crete planks, and	14,724 Streets: 4) Hoolake anikaumaka inters 3,500 concrete deck; in ntation Drive Inters	o Street bicycle section, heading 2,800 stallation of a	and pedestrian improver g northeast and connectif 700 new bridge rails; and reste a Kinoiki; Construction of tersection (MP 0.35 to MF	g to Maluhia Road at pration of existing stee 0 (ous stop shelters; Cou	the intersection of truss members. 0 struction of media	Maluhia and Ala 5,100 0 ns and landscap	4,080 o o o o o o o o o o o o o o o o o o	1,020	4,080	3,264 81	STP FLEXIBLE (defer project to beyond 2020 re-prioritization to system preservation) A.5 STP FLEXIBLE STP FLEXIBLE (defer/inflate. No contract with selected consultant yet.) A.10 STP FLEXIBLE (defer/inflate. No Sect. 106 cled did not meet 5/31 PS&E deadlid A.2
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) Estimated Total Project Cost - \$22,500,000 Construct new 4 lane roadway Opaekaa Bridge Rehabilitation Stimated Total Project Cost - \$3,500,000 Repair or rehabilitate and streng Poipu Road (Route 520) Multimodal Improvements Phase 1 - Lawai Road to Keleka Road Phase 2 - Koloa Road to Lawai Road Estimated Total Project Cost - \$9,500,000 Construction of sidewalks and be Puhi Road (Route 5010) Rehabilitation Phase 1 - Kaumualii Highway(RTE 50) Kaneka St. (MP 0.00 to 0.35) Phase 2 - Kaneka Street to S. Haleukana Street (MP 0.35 to 0.80) Estimated Total Project Cost - \$7,100,000 Rehabilitate Puhi Road. Phase Puppase Bridge Rehabilitation	PE1 PE2/CON to a transit hub; PE2 with 12' lanes a CON pthen the existin PLN DES CON CON ike lanes; Inters CON DES CON 1 was from Kaur	and 6' shoulder ing Opaekaa Sti 100 400 250 umualii Hwy (Mi	troad diet and stree srs. The project beg tream Bridge by co 80 320 201 2,640 200 P 0.00) to Kaneka	onstruction of n 20 20 80 improvements. 660 50 Street. Phase	oad and the completed section ew concrete abutments, conc Construction of a roundabou 2 will rehabilitate Puhi Road	on of the Ala Kala crete planks, and t at Kiahuna Plan	14,724 Streets; 4) Hoolake anikaumaka inters 3,500 concrete deck; in ntation Drive Inters 0 0 set to South Haleu 3,249	o Street bicycle section, heading 2,800 astallation of a section and Ali section and Ali control and Ali contr	g northeast and connecting the street of the	g to Maluhia Road at pration of existing steel of the control of existing steel of the control of existing steel of the control of existing steel of existin	the intersection of truss members. 0 struction of media	Maluhia and Ala 5,100 0 ns and landscap	4,080 o o o o o o o o o o o o o o o o o o	1,020	4,080	3,264 81	STP FLEXIBLE (defer project to beyond 2020 re-prioritization to system preservation) A.5 STP FLEXIBLE STP FLEXIBLE (defer/inflate. No contract with selected consultant yet.) A.10 6 STP FLEXIBLE (defer/inflate. No Sect. 106 cled did not meet 5/31 PS&E deadlir A.2
Lihue Town Core Mobility and Revitalization Estimated Total Project Cost - \$16,253,059 1) Conversion of Eiwa Street to Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522)) Estimated Total Project Cost - \$22,500,000 Construct new 4 lane roadway Opaekaa Bridge Rehabilitation Estimated Total Project Cost - \$3,500,000 Repair or rehabilitate and strens Poipu Road (Route 520) Multimodal Improvements Phase 1 - Lawai Road to Keleka Road Phase 2 - Koloa Road to Lawai Road Estimated Total Project Cost - \$9,500,000 Construction of sidewalks and b Puhi Road (Route 5010) Rehabilitation Phase 1 - Kaumuali Highway(RTE 50) Kaneka St. (MP 0.00 to 0.35) Phase 2 - Kaneka Street to S. Haleukana Street (MP 0.35 to 0.80) Estimated Total Project Cost - \$7,100,000 Rehabilitate Puhi Road. Phase	PE1 PE2/CON to a transit hub; PE2 with 12' lanes a CON pthen the existin PLN DES CON CON ike lanes; Inters CON DES CON 1 was from Kaur	and 6' shoulder ing Opaekaa Sti 100 400 250 umualii Hwy (Mi	rs. The project beg tream Bridge by co 80 320 destrian crossing i 2,640 200 IP 0.00) to Kaneka	onstruction of n 20 20 80 improvements. 660 50 Street. Phase	vements; 3) Sidewalks on Ho oad and the completed sectit ew concrete abutments, conc Construction of a roundabou 2 will rehabilitate Puhi Road.	ale and Kalena S on of the Ala Kala rete planks, and t at Kiahuna Plan from Kaneka Stre	14,724 Streets: 4) Hoolake anikaumaka inters 3,500 concrete deck; in ntation Drive inters 0 pet to South Haleu 3,249 ete abutments, an	o Street bicycle section, heading 2,800 stallation of a section and Ali section and Ali ukana Street in 2,599	g northeast and connecting the street of the	g to Maluhia Road at pration of existing steel of the control of existing steel of the control of existing steel of the control of existing steel of existin	the intersection of all truss members. 1 truss members.	Maluhia and Ala 5,100 0 ns and landscap	4,080 o o o o o o o o o o o o o o o o o o	1,020	4,080	3,264 81	STP FLEXIBLE (defer project to beyond 2020 re-prioritization to system preservation) A.5 STP FLEXIBLE STP FLEXIBLE (defer/inflate. No contract with selected consultant yet.) A.10 STP FLEXIBLE (defer/inflate. No Sect. 106 clea did not meet 5/31 PS&E deadlin A.2 STP FLEXIBLE

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #10 Processed

Project Criteria Color K	ey: GREEI	N = SYSTEM PRE	ESERVATION	PURPLE = SA	FETY IMPROV	EMENTS BR	OWN = CONGES	STION MITIGAT	TION PINK =	MODERNIZATIO	ON ORANGE =	ENHANCEME	NT BLUE = H	HUMAN SERVI	CES TRANSPO	ORTATION PRO	OGRAM TUR	QUOISE = TRA	NSIT	
	1 - 1 - 1 -	FFY2015	(Oct 1, 14 - 6	ep 30, 15)	FFY2016	(Oct 1, 15 - Se	30, 16)	FFY2017	(Oct 1, 16 - Se	p 30, 17)	FFY2018	(Oct 1, 17 - Se	p 30, 18)	FFY2019	(Oct 1, 18 - 6	ep 30, 19)	FFY2020	(Oct 1, 19 - Se	p 30, 20)	<u> </u>
PŘOJ <u>E</u> cT	PHASE	TOTAL (x\$1000)	(x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	(x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	(x\$1000)	LOOAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	(x\$1000)	FUND GATEGORY & REMARKS
		1 (, 14)	,	V .V. L	1117 100 17	(··· • • • • • • • • • • • • • • • • • •	4.4.4.2.4	,,	4 14. 4 2.2 4	1	1(,	(,,	(,)	(, , , , , , , , , , , , , , , , , , ,	. (44.10-7	(14.155)	(14.44.7)		
COUNTY OF KAUAI - FTA																				4
KC11. Bus and Bus Facility	EQP	520	415	105	537	428	109	554	441	113	572	455	117	590	469	121	609	484	125	FTA SECTION 5339 (Rural Bus Prgm)
Transit																				4
Estimated Total Project Cost - \$3,400,000 Capital projects to replace, rehal	oilitate and pu	ırchase buses, va	ans, and relate	d equipment, an	d to construct bu	us-related faciliti	es.													4
KC15. Bus and Bus Facility (discretionary)	EQP							725	580	145										FTA SECTION 5339 (Rural Bus Prgm)
Transit																				<u> </u>
Estimated Total Project Cost - \$725,000 Capital projects to replace buses.																				A
KC12. Rural Transportation Program	OPR	2,000	1,000	1,000	2,100	1,050	1,050	2,164	1,082	1,082	2,230	1,115	1,115	2,298	1,149	1,149	2,368	1,184	1,184	FTA SECTION 5311(b)(3)
Transit																				A .
Estimated Total Project Cost - \$13,160,000 Planning, capital, operating, jo	b access and	reverse commut	te projects, and	the acquisition	of public transpo	ortation services														A
																				A
KAUAI : COUNTY OF KAUAI - FTA TOTAL		2,520	1,415	1,105	2,637	1,478	1,159	3,443	2,103	1,340	2,802	1,570	1,232	2,888	1,618	1,270	2,977	1,668	1,309	

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

Project Criteria Col	or Key: GREEN	N = SYSTEM PRESERVATION	PURPLE = SA	AFETY IMPROV	/EMENTS BROWN = CONGESTION MITIGA	ΓΙΟΝ PINK = MODERNIZATIO	ON ORANGE =	= ENHANCEMEN	IT BLUE = H	HUMAN SERVICES	RANSPORTATI	ON PROGRAM TURQUOISE = TRA	NSIT	
		FFY2015 (Oct 1, 14 - 6	ep 30, 15)	FFY2016	(Oct 1, 15 - Sep 30, 16) FFY2017	(Oct 1, 16 - Sep 30, 17)	FFY2018	(Oct 1, 17 - Sep	30, 18)	FFY2019 (Oct	1, 18 - Sep 30, 1	19) FFY2020 (Oct 1, 19 - Se	p 30, 20)	
PROJECT	PHASE	TOTAL FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL LOCAL TOTAL (x\$1000) (x\$1000)	FEDERAL LOCAL (x\$1000) (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL FE (x\$1000) (x\$	DERAL LO 1000) (x\$1	OAL TOTAL FEDERAL 1000) (x\$1000) (x\$1000)	LOCAL (x\$1000)	FUND GATEGORY & REMARKS
FUNDING CATEGORY SUMMARY - KAUAI														
NHPP (National Highway Performance Program)		0			5,528	0		1,352			11,660	3,348		
BRIDGE OFF-SYSTEM		0			0	0		0			0	0		
STP ENHANCEMENT/TAP		0			2,250	900		1,591			4,925	12,309		
STP FLEXIBLE		9,980			5,736	22,479		9,076			41,970	8,364		
SECTION 1404 - (Safe Routes to School)		0			0	0		0			0	0		
HSIP (Highway Safety Improvement Program)		0			96	0		864			0	0		
NATIONAL RECREATIONAL TRAILS		251			251	251		251			251	251		
CMAQ (Congestion Mitigation Air Quality)		0			0	0		0			0	0		
FTA TRANSFER FUNDS		0			0	0		0			0	0		
EQUITY BONUS		0			0	0		0			0	0		
EARMARK - HIGH PRIORITY		0			0	0		0			0	0		
EARMARK - RE-PURPOSED EARMARKS		0			0	0		0			7,500	0		
EARMARK - SECTION 112		0			0	0		0			0	0		
EARMARK - SECTION 115		0			0	0		0			0	0		
EARMARK - SECTION 117		0			0	0		0			0	0		
FLHD (Federal Lands Highway Discretionary)		0			0	0		0			0	0		
NRCS (National Resources Conservation Service)		0			0	0		0			0	0		
DISCRETIONARY (TIGER 2015)		0			953	12,862		0			0	0		
HIGHWAYS FOR LIFE		0			0	0		0			0	0		
IMD (NHPP Discretionary)		0			0	0		0			0	0		
FERRY BOAT DISCRETIONARY / ARRA FBD		0			0	0		0			0	0		
	SUBTOTAL	10,231			14,814	36,492		13,134			66,306	24,272		
LESS DISCRETIONARY, DEMOETC. PROJECTS		0			(953)	(12,862)		0			(7,500)	0		
LESS FTA TRANSFER FUNDS		0			0	0		0			0	0		
REGULAR FORMULA AUTHORITY	TOTAL	10,231			13,861	23,630		13,134			58,806	24,272		

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

Project Criteria Color H	Key: GREEN	= SYSTEM PR	ESERVATION	PURPLE = SA	AFETY IMPROV	EMENTS BRO	OWN = CONGE	STION MITIGAT	ION PINK =	MODERNIZATIO	N ORANGE =	ENHANCEME	NT BLUE = H	UMAN SERVI	CES TRANSPO	ORTATION PRO	GRAM TURG	UOISE = TRAN	ISIT	
	1:-:-:-:	FFY201	5 (Oct 1, 14 - Se	p 30, 15)	FFY2016	(Oct 1, 15 - Sej	p 30, 16)	FFY2017			FFY2018 (FFY2019	(Oct 1, 18 - 6	ep 30, 19)	FFY2020	(Oct 1, 19 - Sep	30, 20)	
PROJECT.	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		FEDERAL (x\$1000)		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		FEDERAL (x\$1000)	LOOAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND GATEGORY & REMARKS
FTA SUMMARY																				
STATEWIDE		635	580	55	658	600	58	1,240	1,068	172	955	765	190	983	787	196	1,013	811	202	
OAHU, STATE		482	385	97	497	397	100	512	409	103	529	422	107	546	435	111	564	449	115	
C&C OF HONOLULU		77,125	48,155	28,970	68,163	40,798	27,365	2,565,633	795,583	1,770,050	80,252	46,158	34,094	67,861	31,236	36,625	68,127	31,317	36,810	
COUNTY OF HAWAII		2,520	1.415	1.105	2.637	1.478	1.159	3.193	1,903	1,290	2,802	1.570	1.232	2.888	1.618	1.270	2.977	1,668	1,309	
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MAUI, STATE		32,803	11,541	21,262	61,064	32,385	28,679	25,819	4,390	21,429	43,142	5,239	37,903	39,084	22,867	16,217	29,594	12,275	17,319	
COUNTY OF MAUI		2,562	1,749	813	2,656	1,809	847	2,736	1,864	872	4,900	2,961	1,939	2,907	1,980	927	2,995	2,040	955	
COUNTY OF KAUAI		2,520	1,415	1,105	2,637	1,478	1,159	3,443	2,103	1,340	2,802	1,570	1,232	2,888	1,618	1,270	2,977	1,668	1,309	
										•										
FTA TOTAL		118.647	65,240	53,407	138.312	78.945	59,367	2,602,576	807,320	1,795,256	135.382	58.685	76.697	117,157	60,541	56.616	108,247	50,228	58,019	
FIATOTAL		118,647	65,240	53,407	138,312	78,945	39,367	2,002,576	007,320	1,795,256	135,382	38,685	76,697	117,157	60,541	36,616	108,247	50,228	56,019	

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #10 Processed

Revision Effective Date: June 13, 2017

Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM | FFY2015 (Oct 1, 14 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1, 16 - 66p 3p. 15) | FFY2046 (Oct 1 FUND GATEGORY & REMARKS TOTAL FEDERAL LOCAL
PHASE (x\$1000) (x\$1000) (x\$1000) PROJECT FHWA SUMMARY STATEWIDE 37,705 6,693 31,012 36,045 5,625 30,420 17,116 36,320 49,980 30,632 49,985 14,127 35,858 44,165 11,981 32,184 Oahu - State 158.769 89.719 69.050 100.095 68.760 31,335 271,908 96.694 175.214 163,742 77.963 85,779 219,421 198.208 21,213 128,158 129,868 (1,710) City and County of Honolulu 29,508 17,000 12,508 29,553 19.551 10,002 9,168 4,744 4.424 50,936 17,698 33,238 56,436 20,725 35,711 13,768 9,984 3,784 ISLAND OF OAHU 188,277 106,719 81,558 129,648 41,337 281,076 179,638 214,678 95,661 119,017 275,857 56,924 139,852 2,074 Hawaii - State 66,236 48.828 17,408 30.433 11.199 19.234 38.986 18.262 20.724 86,692 3.993 82.699 41.174 53.939 (12.765 35.634 33,267 2.367 County of Hawaii 900 720 180 18,300 11,264 7,036 14.680 11,640 3,040 12,820 10,016 2,804 14.800 14.637 163 22,900 14.080 8,820 ISLAND OF HAWAII 67,136 49,548 17,588 48,733 22,463 26,270 53,666 29,902 23,764 99,512 14,009 85,503 55,974 68,576 (12,602)58,534 47,347 11,187 Maui - State 32,803 11,541 21,262 61.064 32.385 28.679 25,819 4,390 21,429 43,142 5.239 37.903 22.867 16,217 29.594 12,275 17,319 39.084 10.960 6.773 4.187 11.425 6.720 4.705 21.485 14.040 7.445 13,193 9.729 56.186 42.034 14.152 32.504 24.531 7.973 County of Maui 3.464 ISLAND OF MAUL 43.763 18,314 25.449 72,489 39,105 33,384 47.304 18.430 28.874 56.335 14.968 41.367 95,270 64.901 30,369 62.098 36.806 25,292 Kauai - State 18,006 5,091 12,915 26,489 14,978 17,331 54,755 11,589 16,499 8,599 7,900 33,997 County of Kauai 6.425 5.140 1.285 3,466 3.303 163 22.373 19.161 3.212 8.286 6.947 1.339 13,208 11.551 1.657 16.514 15.673 841 ISLAND OF KAUAI 24.431 10,231 14.200 29.955 14.814 15.141 64.487 36.492 27.995 48,470 13.134 35.336 79.552 66.306 13.246 33.013 24,272 8.741 FHWA TOTAL 361,312 191,505 169.807 316,870 170,318 146,552 499.969 203,378 296,591 468,975 157,120 311.855 556.638 432.843 123,795 339,736 260,258 79,478

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

FFY 2015 THRU FFY 2018 (FFY 2019-2020 Informative Only) Revision #10 Processed

Project Criteria Color M	Key: GREEN	N = SYSTEM PRESERVATION	PURPLE = SA	FETY IMPROV	EMENTS BROWN = CONGESTION MITIGAT	TON PINK = MODERNIZATIO	N ORANGE =	ENHANCEMEI	NT BLUE = H	HUMAN SERVI	CES TRANSPO	ORTATION PRO	OGRAM TURQ	UOISE = TRAN	ISIT			
		FFY2015 (Oct 1, 14 - 6	ep 30, 15)	FFY2016	(Oct 1, 15 - Sep 30, 16) FFY2017	(Oct 1, 16 - Sep 30, 17)	FFY2018	(Oct 1, 17 - Set	p 30, 18)	FFY2019	(Oct 1, 18 - S	ep 30, 19)	FFY2020 (Oct 1, 19 - Sep	30, 20)			
	1 - 1 - 1 - 1 -	TOTAL FEDERAL	LOCAL	TOTAL	FEDERAL LOCAL TOTAL	FEDERAL LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	TOTAL	FEDERAL	LOCAL	FUND CAT	EGORY & RE	MARKS
PROJECT.	PHASE	(x\$1000) (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000) (x\$1000) (x\$1000)	(x\$1000) (x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	(x\$1000)	TOTAL (x\$1000)	(x\$1000)	(x\$1000)		<u>:::::::</u>	<u>. : : : : : : : : : : : : : : : : : : :</u>
FUNDING CATEGORY SUMMARY - ENTIRE STIP																		
NHPP (National Highway Performance Program)		99,005			100,296	73,547		66,296			236,173			151,905				
BRIDGE OFF-SYSTEM		720			720	0		720			800			800				
STP ENHANCEMENT/TAP		2,872			4,861	5,340		4,319			18,348			19,645				
STP FLEXIBLE		80,481			53,103	82,714		72,388			164,421			81,881				
SECTION 1404 - (Safe Routes to School)		200			1,500	1,400		1,500			750			0				
HSIP (Highway Safety Improvement Program)		2,466			7,424	16,394		8,718			2,590			4,366				
NATIONAL RECREATIONAL TRAILS		1,196			1,196	1,196		1,196			1,196			1,196				
CMAQ (Congestion Mitigation Air Quality)		0			0	0		0			0			0				
FTA TRANSFER FUNDS		0			0	0		0			0			0				
EQUITY BONUS		0			0	0		0			0			0				
EARMARK - HIGH PRIORITY		0			0	0		918			800			200				
EARMARK - RE-PURPOSED EARMARKS		0			0	3,360		800			7,500			0				
STSFA GRANTS		0			0	4,000		0			0			0				
EARMARK - SECTION 115		0			0	0		0			0			0				
EARMARK - SECTION 117		0			0	0		0			0			0				
FLHD (Federal Lands Highway Discretionary)		265			265	265		265			265			265				
NRCS (National Resources Conservation Service)		0			0	0		0			0			0				
DISCRETIONARY (TIGER 2015)		0			953	12,862		0			0			0				
HIGHWAYS FOR LIFE		0			0	0		0			0			0				
IMD (NHPP Discretionary)		4,300			0	2,300		0			0			0				
FERRY BOAT DISCRETIONARY / ARRA FBD		0			0	0		0			0			0				
	CURTOTAL	404 505			470.040	000 070		457.400			400.040			000.050				
	SUBTOTAL	191,505			170,318	203,378		157,120			432,843			260,258				
LESS DISCRETIONARY, DEMOETC. PROJECTS		(4,565)			(1,218)	(22,787)		(1,983)			(8,565)			(465)				
LESS FTA TRANSFER FUNDS		0			0	0		0			0			0				
REGULAR FORMULA AUTHORITY	TOTAL	. 186,940			169,100	180,591		155,137			424,278			259,793				